**Curriculum Vitae (CV)**

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| **Position title and no.:** | International Architect |
| **Name of expert:** | George Shikhashvili |
| **Date of birth:** | July 15, 1956 |
| **Country of citizenship/residence:** | Georgia/ Georgia |

Education

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| **Institution** | Georgian Technical University, Tbilisi, Faculty of Architecture |
| **Date: from – to (month/year):** | 09/1972 – 09/1978 |
| **Degree(s) or diploma(s) obtained:** | MSc in Architecture |
| **Greece, September 2012** | Study Tour for Energy Efficiency Building within EBRD Georgian Energy Efficiency Program |
| **December 2014** | Training in Resource Efficiency within EBRD Georgian Energy Efficiency Program |
| **Netherland, October 2019** | Study Tour to The Netherlands on coastal protection Nature Based Solutions (NBS) within WB National Action Plan Project |

**Employment record relevant to the assignment:**

Key qualifications (relevant to the project):

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| * More than 35 years of architectural practice and professional administrative experience in different managerial and technical positions, as project manager, project coordinator in international interdisciplinary design teams for urban infrastructure and planning;
* Projects implementation backstopping and administration: experts teaming, legal aspects, financial management, relation with beneficiaries and client institutions;
* Experience for elaboration of urban planning and development projects within international multidisciplinary expert teams.
* Experiences in international projects’ acquisition – identification, appraisal, tendering
* Experience in energy efficiency for residential, medical and industrial facilities, elaboration of energy audits and eligibility appraisal of projects, GHG emissions appraisal, in building energy efficiency and residential energy efficiency and project management and was employed by IPA Energy + Water Economics/ LDK Consultants as local engineer for EBRD financed Georgia Energy Efficiency Programme since 2010, as well as Engineering team leader in Georgian Energy Efficiency Program 2013-2015 in collaboration with Allplan (Georgia, Armenia, Azerbaijan).
* Experience in cooperation for regional development between municipal governance, donors and national line Institutes (Municipal Development Fund of Georgia, Ministry of Regional and Infrastructure; Ministry of Labor, Health and Social Affairs, Ministry of Culture and monuments protection), regional administration of governors; etc.
* Experience in tourism infrastructure development for historical heritage sites;
* Experience in residential building design in the cultural heritage protected zone of Tbilisi;
* Experience in sanitary landfill design and construction;
* Experiences in international projects’ acquisition – identification, appraisal, tendering
* Professional knowledge of the municipal laws/regulations referring to design and construction for urban development and different typology buildings;
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| **Period** | **Employing organization and your title/position. Contact information for references** | **Country** | **Summary of activities performed relevant to the Assignment** |
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| 1. 05.2023-ongoing | GOPA Infra / CCG as sub ConsultantPosition hold:Architect and project coordinator.GOPA ConsultantsRainer RichaProject ManagerFor reference:Rainer RichaProject ManagerRainer.Riha@gopa-infra.de | Georgia | **KfW funded project: Sustainable Urban Mobility In Georgia, Tbilisi Integrated Traffic Management.** The objective is to sustainably remodel the traffic demand and transport infrastructure utilization in the City of Tbilisi in order to reduce traffic-induced air pollution and greenhouse gas (GHG) emissions.Tasks performed:Caucasus Consulting Group (CCG) LLC provides an Environmental, Social, Health and Safety (ESHS) Expert for all environmental and social screening and assessment tasks under the study, including, cost-benefit analysis (CBA) according to PIM (optional activity, if required)* Preparation of conceptual and detailed design within international/national expert team;
* Mobilization and initial review of existing studies and planned measures;
* Conceptual-level planning and design of components;
* Additional feasibility analysis of measures;
* Identification of accompanying measures;
* Project Investment Management Report (PIM) (optional activity, if required).
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| 2. 05.2023-ongoing | GOPA Infra / GHOPA Infra / CCG as sub ConsultantPosition hold:Architect and project coordinator.GOPA ConsultantsRainer RichaProject ManagerFor reference:Rainer RichaProject ManagerRainer.Riha@gopa-infra.de | Georgia | **KfW funded project: COMMUNAL INFRASTRUCTURE FOR ENVIRONMENTAL AND TOURISM IMPROVEMENT in Kazbegi Municipality.** The purpose of the Project is to enhance environmental protection and water resource conservation that will have positive effects on the socio-economic and health situation of the population and foster poverty reduction.Tasks performed:* Provision of local backstopping services in terms of administrative, technical and logistical support. Support the mobilization works to set up and operate the project office in Tbilisi;
* Support the team leader in the liaison and coordination with UWSCG and the different stakeholders;
* Facilitate the communications between the firm’s experts and the different stakeholders;
* Support the Team Leader to facilitate the collaboration with the national experts and sub-contractors;
* Quality assurance of project reports and deliverables prepared by experts provided.
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| 3.01.2022-onging | Technical Cooperation Coordination Office of the Austrian Development Agency at the Austrian Embassy. Position hold:Architect and civil engineering consultant.For reference:**Vano Vashakmadze****Team Leader**Tel +995 599 578 449v.vashakmadze@gmail.com | Georgia | **Project: “Svaneti tourism development strategy and action plan”.** Tasks performed:* Identification and analyse of existing literature, reports/studies relevant for the project
* Identify current lacks/obstacles/gaps regarding the relevant general infrastructure
* Analysis and evaluation of relevant general infrastructure/issues (transport infrastructure, water supply, wastewater and other waste management, electricity supply, urban/rural zoning, emergency and medical services, local food production) in Upper and Lower Svaneti;
* Preparation and participation in Stakeholder Workshops;
* Identify current lacks/obstacles/gaps regarding the relevant general infrastructure;
* Investment/Budget estimation;
* Prepare final report;
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| 4.01.2022-onging | GOPA Worldwide ConsultantsPosition hold:Architect and civil engineering consultant.For reference:**Christian TUNK****Team Leader**Tel +49 6172 930 360Fax +49 6172 930 390christian.tunk@gopa.de | Azerbaijan: Zaqatala & Samur-YalamaAzerbaijan | **KfW funded project: “Establishment and Sustainable Development of the Zagatala-Balakan Biosphere Reserve”. Architect and civil engineering consultant.**Tasks performed:* Feasibility study for rangers of 20 ranger houses infrastructure in Zaqatala biosphere area, Azerbaijan;
* Support of project team in preparation of detailed designs and bill-of-quantity;
* Support of environmental engineer and PIU in preparation of EIA;
* Preparation of tender documents;
* Follow up of contracting process;
* Supervision of construction works;
* Supervision of Environmental Impact Assessment preparation;
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| 5.11.2022-onging | USAID Economic Security Program, Georgia. Position hold:Architect and project manager.For reference:Nini BenashviliPartnership Fund SpecialistT: +995 577 009 333E: Nini\_Benashvili@dai.com | Bakhmaro,Georgia | **Project: Mountain Hut Architectural Design and Operational Study for Guria Adventure Trail.** Tasks performed:* Preparation of inception and work plan;
* Preparation of Concept design;
* Coordination of project team for preparation of winter and summer operations studies;
* Site survey;
* Preparation of final design pack and working drawings;
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| 6.05.2019 – 04.2021 | GOKSIN Insaat, Turkey based Construction companyCE and waste management consultantFor reference:Ahmet Yaziciayazici@goksin.com.tr | Georgia, Kobuleti | **Regional Sanitary landfill in Tsetskhlauri, Ajara AR, Georgia, FIDIC Yellow Book the EBRD, SIDA and BP funded project; 7.0 Mil Investemnt.**Tasks performed:* Architect and CE Consultant;
* Design of SWM civil and industrial infrastructure;
* Authorized Representative of international Contractor;
* Communication with local line ministries and other state and private stakeholders;
* Reporting to local stakeholders for project stage implementation;
 |
| 7.05.2019-10.2020 | GOKSIN Insaat, Turkey based Construction companyPosition: CE consultant Contractor’s authorized representative.For reference:Ahmet Yaziciayazici@goksin.com.tr | Georgia, Rustavi | **Georgian Solid Waste Company/State Rustavi Sanitary Landfill, Installation of National Gas Flair System;**Tasks performed:* CE Consultant and Authorized Representative of international Contractor;
* Representing Contractor in front of Client (SWMCG and local Supervision Consultant);
* Handover of project stages and final handover of the plant;
 |
| 8.08.2019 – 02.2020  | Caucasus Consulting Group Ltd as sub-consultant of GOPA Infrav.vashakmadze@ccg.geDirector**Position:** Architect, Urban Resilient Expert and Local Project Coordinator;For reference:Rainer RichaProject ManagerRainer.Riha@gopa-infra.de | Georgia | **KfW funded Pre-Feasibility Study - Sustainable Transport for the Cities of Batumi and Tbilisi; Contracting Authority & Project Execution Agency (PEA) City Hall of Batumi & Tbilisi.** Tasks performed:Project Implementation, Coordination and Backstopping: Supervision, monitoring and quality assurance of services:* Coordinate activities of local and international Multi-professional Engineer Team;
* Collect and consolidate road network information/infrastructure in of Batumi and Tbilisi;
* Identify and consolidate stakeholder requirements;
* Assess the viability of setting-up a car-free zones;
* Sustainable design and expansion of bicycle network;
* Assess principal requirements for capacity building and training;
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| 9.02.2019 – 02.2020 | Managing partner ofCaucasus Consulting Group Ltd as sub-consultant of GOPA Infra**Position:** Architect, Urban Resilient Expert and Local Project Coordinator;For reference:v.vashakmadze@ccg.geDirector | Georgia | **KfW funded Pre-Feasibility Study - Sustainable Transport for the Cities of Batumi and Tbilisi; Contracting Authority & Project Execution Agency (PEA) City Hall of Batumi & Tbilisi.** Tasks performed:Project Implementation, Coordination and Backstopping: Supervision, monitoring and quality assurance of services:* See above
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| 10.03.2019 – 01.2020 | Architect CE and waste management consultant forARPA-SEVAN OJSC For reference:Paruir HaobyanPresidentT: (+) 374 94 433400   |  | **EB Funded Yerevan Solid Waste Project of Design & construction of new landfill, closure of existing old dumpsites and operation of existing and new sites.**Tasks performed:* Support Armenian based company for establishing contact and creation of international JV for the named project;
* Preparation the necessary legal and technical documentations for their companies needed to participate in the prequalification phase of the tender;
* Elaboration of concept design based on the FS;
* Elaboration of competitive bid price;
* Preparation of tender documents;
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| 11.02/2019-11/2019 | Check consulting company ENVIROS Position held:Architect an Urban resilient expertFor reference:Jan PEJTER, Team Leaderjan.pejter@enviros.cz | Georgia | **UNDP funded project GEORGIA WINDOW – WASTE MANAGEMENT IN MOUNTAINOUS REGIONS OF GEORGIA / Waste Development Plan – Independent Recycling Community in Kazbegi Region;****Architect and waste management expert:**Tasks performed:* Sustainable waste collection and treatment practices for mountainous landscapes to avoid long-distance waste transportation to landfills;
* Introduce alternative solutions for waste separation and treatment locally;
* Technology-based solutions for waste – related public service delivery;
* Options for engaging local communities and governments in waste management practices and their capacity building for a safer and healthier environment;
 |
| 12.04.2018- 02.2020 | WB GeorgiaPosition held:Architect, Urban Resilient Expert and CE Consultant;For reference:Project manager Darejan Kapanadzedkapanadze@worldbank.org | Georgia | **The World Bank - Georgia National Action Plan for Adapting to Climate Change Impacts in the Black Sea Coastal Zone**Tasks performed:* Mapping main types of municipal infrastructure incl. ongoing most prone to climate and weather impacts;
* Analysis of climate change impact and advising on the climate-smart retrofitting and operation of this infrastructure;
* Explain types & severity of risks to structural stability, durability and smooth operation;
* Compile plan of fact-finding meetings and schedule of field work;
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| 13.01.2017- 12.2019 | Tbilisi City HallANI ArchitectsTeam LeaderPaul DzindzibadzePosition held:Architect and Project CoordinatorFor reference:NA | Georgia | **Renovation of Tbilisi 2007-2008 Operative Land Use Masterplan, Project coordinator of ANI Architects Ltd**Initial study for revision and reassessment of Tbilisi land use masterplan after 10 years of completion, based on actually reached city planning parameters Planning of its components renovation of components. |
| 14.08.2008 – 12.2018 | GOPA ConsultantsRainer RichaProject ManagerPosition held:As CCG managing partner Architect and Technical SupervisionFor reference:Rainer RichaProject ManagerRainer.Riha@gopa-infra.de | Georgia | **GOPA Consultants - Tbilisi Tuberculosis Reference Laboratory, Tbilisi; KFW funded Tuberculosis Superregional Program**Tasks performed:Design and Construction of the TB reference laboratory and training Centre; the 3rd security level laboratory building with up to 1,500 m2 workable space, automate mechanical ventilation system.* Elaboration of architectural concept and detailed design, preparation of contractors’ design documentation including architectural, static mechanical and HVAC design documentation, technical specifications, BoQ and NCB based tender documentation;
* Procurement of Works;
* Support the Ministry of heals in tender evaluation process in collaboration with international consultant;
* Technical supervision construction works;
* Representing of Consultant during DMP and final handover of the site;
 |
| 15.09.2013 – 12.2017 | Caucasus Consulting Group Ltd (CCG )Allplan GmbHArchitect and EE consultantGeorge ZurashviliProject Managerg.zurashvili@ebrdgeff.com | Georgia,Armenia,Azerbaijan.+ | **EBRD financed Caucasus Energy Efficiency Programme (CEEP II) Second extension.**Tasks performed:* Overall and infrastructure project management;
* Planning and implementation monitoring of PIP;
* Communication with local and international engineer team;
* Preparation and monitoring of sub-projects pipeline;
* Financial analysis of investment projects;
* Reporting to different project authorities;
* Training of banks representatives on Corporate, SME and Residential banking;
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| 16.11.2016-11.2017 | Consortium "ENVIROS-EMPRESS”Position held: CCG managing partner Architect an Urban resilient expertFor reference:Jan PEJTER, Team Leaderjan.pejter@enviros.cz | Georgia, Tbilisi | **The Green City Action Plan for the City of Tbilisi / EBRD Funded;**Tasks performed:* Collection of Data & Prepare Indicators Database Prepare GCAP & Indicative for Investment Plan;
* Prepare Monitoring Plan;
* Assess technical, economic & social aspects of GCAP;
* Undertake training & capacity building for project counterparts;
* Preparation, organization of project related workshops and conferences;
 |
| 17.01.2016-09.2017 | Consortium of igr GMbH and Eptisa.Position held:Position: Architect, CE Consultant and Local Team Leader For reference:Blaschke Peter, Team Leaderexpert@peter-blaschke.eu | Georgia | **Elaboration of a Feasibility Study on Water Supply and Sanitation Systems in semi-urban and rural communities in Adjara”, KfW funded WS&WWS project**Tasks within local-international expert team:* Management of project staff
* Set up of programs, allocation schedules and coordination of the project staff
* Reporting (verbal and in writing) to the Team Leader and provision of input to the reports/studies and deliverables;
* Participation at meetings with the Client and the Client’s representatives;
* Collection of all existing information and processing as per ToR and of Team Leader;
* Liaison with local authorities and institutions;
* Coordination of interfaces between all disciplines, independently;
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| 18.04.2015 – 04.2016 | KfWLevan TsitskishviliLevan.Tsitskishvili@kfw.dePosition held:Architect, Civil Engineering consultant | Georgia,Armenia | **KfW - KfW financed The “Nature Protection Programme for the Southern Caucasus “Armenia’s, establishment of protected areas in Javakheti and Javakh (Ashotosk) Region, BMZ-No.: 2003 65 411**Tasks performed:* Assessment of accomplished buildings administration and reserves tourist facilities;
* Review the existing project and estimation documentation in terms of design, as well technical issue solutions;
* Preparation of site inspection reports;
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| 19.11.2015 – 06.2021 | International private investorArchitect and Project manager, CE ConsultantFor reference:Mr. Zurab Vanishvili Project Managerzvani777@gmail.com | GeorgiaTbilisiOrbeti | Design of 5 Residential apartment buildings in the cultural heritage protected area of Tbilisi / Consultancy servicesTasks performed:* Feasibility study and preparation of conceptual design;
* Architectural design and representation of the client in the Tbilisi City Hall /other Municipalities architectural service;
* Preparation of detailed design documentation including static and mechanical part and BoQ;
* Author’s Construction supervision;
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| 20.11.2011 | Ministry of EducationIndividual independent Participant | Georgia | WB financed Architectural competition for the High school #84 projectSpecial prize of Jury |
| 21.09.2010 – 09.2012 | ALPLAN GmbHPosition held:Architect, Local Team LeaderFor reference:Helmut BergerTeam Leaderhelmut.berger@energocredit.com | Georgia | **EBRD - Georgian Energy Efficiency Program****The Caucasus Energy Efficiency Program (CEEP I)** launched in November 2007 with the aim of providing access to financing of a USD 60 Mil. credit line provided by European Bank for Reconstruction and Development (EBRD) to the local Georgian banking sectorTasks performed:* Lead Engineer on technical issues (e.g. site visits, technical calculations, technical reports);
* Provision of energy audits for potential clients for residential, public, medical and industry facilities;
* Preparation of screening reports on energy usage; project appraisal;
* Advising on Georgian regulations and procedures relating to industrial operation and construction;
* Provision of technical advice to potential clients;
 |
| 22.01.2012-10.2016 | GOPA Worldwide ConsultantsPosition held:Architect, Local Team LeaderFor reference:Project ManagerRainer.Riha@gopa-infra.deLocal Team Leader | GeorgiaKutaisi, Poti,Zugdidi, Tskaltubo | **Emergency Rehabilitation of IDP Housing in Western Georgia - KfW funded;** 12.0 mil. EUR project; Emergency Rehabilitation Internally Displaced Persons housing in Western Georgia;Tasks performed:* Coordinated all project activities with respective Georgian ministries and government authorities;
* Proposed facilities for reconstruction, assigned design works, and prepared tender documents;
* Carried out tender evaluation and proposed construction contracts;
* Managed all financial issues including payment to contractors;
* Technical supervision of construction works on a regular basis;
* Preparation of Monthly, quarterly and annual reports for KfW and MDF
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| 23.09.2011- 12.2015 | Municipal development Fundi of Georgia Position held:Architect and Project ManagerFor reference:Shalva KokochashviliChief Specialist of the International Organization Relations Division E: skokochashvili@mdf.org.ge | GeorgiaKutaisi,Ninotsminda,Tibaani andGurjaani | **WB funded Municipal Development Fund of Georgia - Visitors’ Infrastructure at Heritage Sites**Kutaisi, Villages of Ninotsminda, Gurjaani and Tibaani monasteries, Kakheti region Georgia (Second stage).Tasks performed:* Preparation of conceptual architectural projects for 4 location in cooperation with WB international Consultant;
* Preparation of detailed design and Tender documentation;
* Team mobilization of site survey, including geo-technical and geodesic mapping;
* Authors’ supervision of construction works;
 |
| 24.03.2010-11.2013 | iC ConsulentenPosition held: As CCG managing partner sub-consultant of iCArchitect, CE Consultant and Local Team LeaderFor reference:Blaschke Peter, Team Leaderexpert@peter-blaschke.eu | Georgia | 3.5 mill Euro EBRD/BO/SIDA investment for Rustavi Sanitary landfill;Tasks performed:* Preparation Conceptual design and detailed design and TD of the landfill reception area, including: administrative, weighbridge, staff building workshop and waste sorting building (total 1,600 m2);
* Support of Rustavi Municipality Project implementation unit for in projects cycle international procurement process both for infrastructure and equipment procurement and operation;
* PIU support, preparation of contractors design and tender documentation for the Rustavi landfill waste reception and sorting area;
* Technical supervision of construction works. Local PIU support;
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| 25.03.2004-08.2008 | GOPA Worldwide ConsultantsCE ConsultantPosition held:Local Team Leader and CE ConsultantFor reference:Hinrich Pielockheinrich.pielok@gopa.de | Georgia,Borjomi-Kharagauli National Park | **GSIF I&II project for rehabilitation and construction of social and economic Infrastructure, including 16 WS and few irrigation systems in the BKNP support zones - KfW funded** 7.5m EUR investmentTasks performed:* Implemented a total of 98 micro-projects 100–200 thousand USD (each) incl. 16 water supply systems, irrigation reservoirs, school, community centres etc. Rehabilitated Arali-Abastumani 25.0 km (2.5m EUR) asphalt road incl. feasibility study, detailed tender documentation, supervision of works;
* Consulting services supporting PIU for project preparation;
* Preparation of tender documentation and procurement of service and works;
* Construction supervision;
* Reporting to MDF and KfW;
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| 26.03.2001-12.2004  | US based Black&Weach CE ConsultantPosition held:Architect and CE ConsultantFor reference:Project ManagerStive Hamlin | Georgia | **US Government financed Coastal and Border Protection project of Georgia**Tasks performed:* Site investigation and country based support for preparation of design-build tender documentation for number of customs, coast guard and border cross facilities in locations;
* Red Bridge Customs and Point of Entry (Georgian/Armenian border) and Border Guard Facility;
* Tbilisi Aviation Base facilities;
* Grassed Airfields in Mestia, Chikhareshi and Omalo;
* Customs and Point of Entries in Vale, Sadakhlo, Lagodekhi (Georgian/Turkey/Azerbaijan/Armenia Borders);
* Radar station on Black Sea Cost in Chaqvi and Gonio;
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| 27.01.1997 – 01.2019 | Magti-Entrepose LtdGeorgian-French JVPosition held:General ManagerFor reference:Z.GojiashviliT: (+)995 599 503 060 | Georgia | **Georgian-French JV MAGTI-ENTREPOSE implementing the BP financed Supsa Oil Terminal** including construction of 4 floating roof oil tanks with 50,000 m3 each.Tasks performed:* Overall project management for Construction of Supsa crude oil Terminal Main Tank Construction;
* Feasibility study and design for 2 HPP in Kakheti region (Georgia): Chelty HPP up to 12.0 MW (on Chelty River) and Telavi HPP up to 12.0 MW of installed capacity (on the Telavi Upper Irrigation Channel – derivation to river Alazani) in collaboration with French based design company INJEUROP. Elaboration of working pack;
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| 28.06.2006-07.2008 | Tbilisi City HallANI ArchitectsPosition held:Architect and Project CoordinatorFor reference:Team LeaderPaul DzindzibadzeNA | Georgia | **Tbilisi Land Use (Operative) Master Plan within Georgian based ANI Architects Ltd, Implemented by International German-Georgian Interdisciplinary Project Group*** Harmonization of local-international design team activities for contemporary complex analyses of the city conditions;
* Urban planning issues;
* Preparation of Inception, interim reports and approved by Tbilisi CH;
* Final urban planning report documentation;
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| 29.12.1995 – 12.1996 | Saarbrucken & Tbilisi City HallPaul DzindzibadeDeputy main Architect of TbilisiPosition held: Architect and urban plannerFor reference:NA  | Georgia | **GTZ financed Tbilisi Land Management Project** The German government funded multi-component urban planning and land management project.Tasks within local-international expert team:* Architect within Georgian-German project group;
* Land management training n Saarbrucken
 |
| 30.09.1978 – 12.1990 | State Design Institute Tbilisi City ProjectPosition held:Architect, Chief Architect then Project ManagerFor reference: --- | Georgia | **Architect of State Design Institute “Tbilisi Project”**Tasks performed:* Preparation of conceptual design and detailed design documentation for multiple typology residential, public and healthcare objects;
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**7. Language skills:** (Mark 1 to 5 for competence, 5 being the highest)

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| **Language** | **Reading** | **Speaking** | **Writing** |
| Georgian | Mother tongue |
| English | 5 | 5 | 5 |
| Russian | 5 | 5 | 5 |

**8. Membership of professional bodies:**

 Architects Union of Georgia

**9. Other relevant skills (e.g. computer literacy, etc.):**

Full computer skilled: Office, CAD, Graphics, other.

**10. Publications:**

NA

**Certification:**

I, the undersigned, certify that to the best of my knowledge, these data correctly describe my qualifications, my experience and me. I am available to undertake the assignment in case of an award. I understand that any misstatement or misrepresentation described herein may lead to my disqualification or dismissal and/or sanctions by the Bank.

George Shikhashvili

Name of Personnel Signature Date

Hamit Useini

Name of authorised representative Signature Date

of the firm