



# DAVIT ROBAKIDZE

BROADCAST SYSTEM ENGINEER/  
SYSTEM INTEGRATOR

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Tbilisi, Georgia



## JOB EXPERIENCES

### INNOVATOR LLC

**Broadcast system engineer & broadcast system integrator** – Georgia Tbilisi

May 2012 - Ongoing

- Working as Broadcast system integrator.
- Design, configure and maintain Broadcast Studio equipment for TV and Radio.  
Including: Cameras, Video Wall, Prompters, Light, Tripod / Pedestals, Crane, Mic, Intercom and etc.
- Design, configure and maintain Broadcast PCR (Production control room) equipment for TV and Radio.  
Including: Video Switcher, Audio Switcher, Play-Out system, Intercom System, Prompter system, PAM (production asset management) system and etc.
- Design, configure and maintain Broadcast MCR (Master Control Room) equipment for TV and Radio.  
Including: Channel On air System (Play-Out), Traffic system, MAM (media asset management) system, Change- overs and failover systems, Intercom System, Multiviewer and Monitoring system, On-Air CG systems, and etc.
- Design, configure and maintain Broadcast CAR (Central apparatus room) equipment for TV and Radio.  
  
Including: Servers, Storage, Network systems, Camera CCU, CG System, Video Routers, Audio Routers, Audio Mixers, KVM systems, Intercom Systems, Audio Monitoring and controlling systems, Streaming Systems, IP based video / audio systems, and etc.
- Research, test and implement new technologies.  
Including: Video over IP (ST 2110), Audio over IP (Livewire, AES67), 4K HDR systems, News-Room systems, streaming systems, and etc.
- Migration from old hardware to new.  
from Analog – to Digital, from Digital to IP, from Type to Digital, and etc.
- Analyze customer requirement, understand existing broadcast system workflow for TV and Radio.
- Create detailed and conceptual drawings, with AutoCAD or MS Visio.
- Create Power Point presentation for broadcast systems presentation.
- Create set of maintenances documents for: Video cable list, Audio cable list, Network cable list, Control cable list and etc.
- Create IP list, Device Configuration list, Password list and etc.
- Based on Broadcast requirements analyze project time lines. Create project plan in MS project.
- Create broadcast system workflow for: MAM, PAM, Newsroom system, NRCS, Master Play Out, Studio systems, Audio systems, and etc.
- Working as Customer support, Configuring and monitoring healthy of Broadcast devices.

**SILKNET LLC****Costumer support - "Troubleshooting Analytical Group" – Georgia Tbilisi**

Jun 2012 – June 2014 Working to find best possible workflow for customer support. How they should configure Network devices, what is fast and best way to fix costumer technical problem. Analyze costumer support team work, make diagrams and calculation, every week reports and etc.

**SILKNET LLC****Costumer support - Troubleshooting team coordinator – Georgia Tbilisi**

Feb 2011 – June 2012 Working to fix technical problem with can't be fixed by costumer support. Configuring Cisco Routers, Cisco Switch, IPTV set-to-box, Cisco VOIP, GPON devices, DSL DSLAMs and DSL Modems, Small size Routers and switch. Have a direct communication with device manufactures in case of major problem with devices. By responsible for Internet, VOIP, IPTV for more than 500,000 users.

**SILKNET LLC****Level 2 Troubleshooter (CUSTOMER SUPPORT) – Georgia Tbilisi**

Jun 2011 – Feb 2012 Working on customer support. Answering phone calls. Configuring GPON and DSLAM, costumer side small size Routers and switches.

**SILKNET LLC****Level 1 Troubleshooter (CUSTOMER SUPPORT) – Georgia Tbilisi**

May 2010 – June 2011 Working on customer support. Answering phone calls. Configuring costumer side small size Routers and switches. Checking costumer account information, And etc.

**UNITED TELECOM OF GEORGIA****Troubleshooter and Installation Specialist of Corporate Department for VIP costumers – Georgia Tbilisi**

Sep 2009 – May 2010 Make installation on customer for VIP costumer. Internet, PSTN, IPTV, Wi-Fi. Cable management / wiring.

**UNITED TELECOM OF GEORGIA****Troubleshooter and Installation Specialist of Corporate Department – Georgia Tbilisi**

Oct 2008 – Sep 2009 Make installation on customer side. Make cable wiring, configuring customer side routers and switch, configuring DSL Modems, PSTN, IPTV and WI-FI.

**EDUCATION****BACHELOR OF ECOLOGY DEGREE**

State Agrarian University, – Georgia Tbilisi

2004 - 2008

**TRAINING TAKEN:**

- |             |  |
|-------------|--|
| <b>2019</b> | ➤ Broadcast Systems (at NAB) – Las Vegas, USA  |
| <b>2018</b> | ➤ Broadcast Systems (at NAB) – Las Vegas, USA<br>➤ Broadcast Systems (at IBC) – Amsterdam, Nederland:  |
| <b>2017</b> | ➤ Broadcast Systems (at IBC) – Amsterdam, Nederland:<br>➤ Broadcast Systems (at NAB) – Las Vegas, USA  |
| <b>2016</b> | ➤ Radio systems, Livewire / AES 67 (By TelosAliance) – Jurmala, Latvia<br>➤ Intercom systems (by RTS) – Munich Germany<br>➤ Production Storage systems (by Avid) - United Kingdom<br>➤ Newsroom system (by Avid) - United Kingdom<br>➤ Media Composer NLE (by Avid) - United Kingdom |
| <b>2015</b> | ➤ Broadcast Systems (at IBC) – Amsterdam, Nederland:<br>➤ Video Signal Processing / Monitoring / VOIP (by Evertz) - Budapest, Hungary<br>➤ PAM system for Newsroom (by Avid) - United Kingdom<br>➤ Radio systems, Livewire / AES 67 (by TelosAliance) – Jurmala, Latvia              |
| <b>2012</b> | ➤ Production Storage systems (by Avid) - United Kingdom<br>➤ Media Composer NLE (by Avid) - United Kingdom<br>➤ Production Storage systems (by Avid) - United Kingdom<br>➤ Production Storage systems (by Grass Valley) - United Kingdom   |



## CERTIFICATIONS

Apr 2016 – Present	AVID (United Kingdom   Pinewood Studio) - ISIS 5000 / 7500 ACSR
Apr 2016 – Present	AVID (United Kingdom   Pinewood Studio) – Media Central Platform ACSR
Apr 2016 – Present	AVID (United Kingdom   Pinewood Studio) - Media Composer ACSR
Nov 2015 – Present	AVID (United Kingdom   Pinewood Studio) - Interplay ACSR
Jul 2012 – Present	AVID (United Kingdom   Pinewood Studio) - ISIS 5500 / 7500 ACSR
Jul 2012 – Present	AVID (United Kingdom   Pinewood Studio) - Media Composer ACSR
Jul 2012 – Present	Grass Valley (United Kingdom   London) K2 Summit Server Technical



## REFERENCES AVAILABLE:

**MR. ZURAB GEGENAVA**      **INNOVATOR LLC**

CEO, FOUNDER, Director General

**MR. TENGIZ JIKIA**      **SILKNET LLC**

Head of Customer Technical Service



## LANGUAGES

- English      Fluent
- Russian      Fluent
- Georgian      Native



## PRO SKILLS:

- Knowledge to configure Broadcast devices including: Windows PC, NLE workstation, NLE software, Video Routers, Video Mixers, CG systems, Intercom systems, ENG or Studio Cameras, News Room systems, and etc.
- Knowledge and undertraining broadcast TV station concept including: Server Room, MCR, PCR, News room, and etc.
- Knowledge to understand broadcast system requirement based on calculation all video & audio bitrates.
- Knowledge to configuring Network (Cisco, DELL, HP, Huawei, ZTE, TP-Link and etc.) for Broadcast use.
- Knowledge to configuring Livewire (AoIP).
- Knowledge to configure basic IT systems including: Windows OS, Printers, scanners, Antiviruses, Wi-Fi, Firewall, and etc.
- Knowledge of programs including: Adobe Photoshop, AutoCAD, MS Word, MS Excel, MS Visio, MS Power Point, MS Outlook, MS Project, Virtual Box, VMware Workstation, Workstation, PC, Avid Media Composer, Adobe Creative Cloud software.
- Deep knowledge of: Video & Audio signals; Video & Audio streams; Video & Audio Bit rate; Video & Audio Codec and Container.
- Knowledge working with: SDI; Network; Audio; Control, Power, cables and terminate connectors.
- Knowledge to understand and configure Video Over IP ST2110 / NDI