

Volodymyr Tarasenko

Engineer QA

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IT related experience

GlobalLogic – Test Engineer, QA (11.2020 – at Present)

- Embedded firmware in testing experience on Linux platforms, SSH, WiFi, NAT, OSI L2/L3, USB/RS232, basic understanding of electronic circuits
- Testing outdoor WiFi equipments networks for building networks, RF, SNR, RSSI, EIRP, MCS, QAM
- Work with OpenWRT, Json, GUI, LuCI, Jira
- Experience with bash/shell scripting knowledge of Linux, ssh, Linux/Network administration, traffic testing techniques and tools Wireshark, Iperf, nmap, tcdump routing protocols, network troubleshooting skills, 802.11 L2, L3 networking
- RF architecture and radio-wave MCS, Power Control, RF link budget parameters SNR, RSSI, NF, outdoor wireless, knowledge's about modulation MIMO, OFDM, QAM, QPSK, BPSK
- Work with tools Jenkins, Jira. Understanding of SW development lifecycle and related processes

Bank JSC 'Ukreximbank' – Technical Engineer QA (11.2017 – 11.2020) - 3 yrs

- **Testing: of Commerce Applications** for **payment** POS-terminals. In a **test terminal**, I simulate payment actions without in a virtual way by payments terminal I create issue in **Data Base**. If this terminal needs install to point of sale I test the work of this device. Also, I work with payment and communications of this terminal.
- **Front-end testing:** I check user Interface menu in POS-terminals, the printed receipt, testing work payments (NFC, magnet stripe and EMV) and communications (GSM/DHCP) ... etc.
- **Back-end testing:** Our external developer sends to bank **fixes** for our server. I test this fix, after that if something works wrong work, I switch this terminal to **debug mode** and download **log file** with helping **RS232** port. Then, I find errors if I can't find errors, I send this data to developers ... etc.
- **Create/Update documentation** for end-users POS-terminals. I use ready **manual test** cases in my work for functional menu and **regression test**. I troubleshoot configuration issues. I integrate the components, new equipment in system and test the work of system. I use the **test tools: OTRS** (bug tracking tool). This system works on side our developer server. I use of my work FTP / SSH / RDP/ DOS Shell / DOS batch file ... etc. I provide the **customer support** communication and solve problems of customers.

// I learn **C++** on **RaspberryPi** device when I've free time, its hobby
// I use **.sh** files for autoinstallation when it need to install/reinstall software on this board, I like use **Midnight Commander:**)
// I use for remote access to board, **Putty ssh, FAR, VNC**
// For convenience edit C++ I used (remote SSH session) on Windows/MACOS **CLion** editor -->
◆ **RaspberryPi** for debug code on my desktop **PC**

Electrical engineer – Self-employed (03.2013 – 11.2017) - 4 yrs 9 mons

- Electrician, Network Installation Architect, Reconstruction, used Autocad, etc
- Architectural draftsman and designer, engineering plans for projects developing

Computer First-aid service – Self-employed (08.2011 – 03.2013) - 1 yr 8 mons

Installed SW, installed drivers for devices, recovered DATA, etc.

Профи Газ – Service engineer

(04.2011 – 07.2011) - 4 mons

■ Find & fix in AUTOGAZ ECU STAG in petrol **ECU** (Electronic Control Unit), driving on gas, **UpGrade, DowdGrade firmware** ECU STAG (www.ac.com.pl). (**PCB**) AUTOGAZ ECU STAG principal scheme analytics, find & fix broken cars' wiring, required electronics components purchasing, automotive alternator fix

e-commerce site E7.com.ua – Head of the e-commerce site

(09.2009 – 04.2011) - 1 yr 8 mons

■ Website testing, 1C software testing, create design **UI** website, website promotion, network installation, company server installation on **Windows 2003 Server + Firewall, RDP, HTTP, FTP** services, client computers' installation software. Management of a small team: 2 developers team supervision (1C developer and PHP developer), tasks creation, tasks implementation supervision, **Web Hosting**

Bank JSC 'Ukreximbank' – Call Center Engineer-operator

(09.2003 – 08.2009) 6 yrs

■ Operation monitoring, payment systems (Visa, MasterCard) network channels monitoring, clients support

Ronex – Senior Sales Manager

(04.2000 – 07.2002) - 2 yrs 4 mons

■ Company server installation on Windows 2000 Server + "RAID 1", clients computers installation, 1C accounting installation, mail service installation, Firewall installation, chat service, IBM PC assemblage, LAN network installation, company telephone network installation and automatic telephone exchange programming.

TECHNICAL SKILLS

Hardware: USB to RS-232, VeriFone, Raspberry Pi, recovered DATA, Multimetr, Soldering, ECU (Electronic Control Unit), Fix, RAID, LAN

Operating Systems: MS Windows Server (RDP, FTP, HTTP, HTTPS, POP3, SMTP, Terminal Server etc) Putty
Linux: MC Midnight Commander, VNC, terminal, .sh scripts etc
FreeBSD: (kernel configuration, SSH, proxy, firewall, DNS) etc
Macintosh/Hackintosh/MS DOS

Experience: Eagle PCB CAD schematic capture user.

Software: VMware, Parallels Desktop Inventor, Web design/UI (User Interface), Adobe Photoshop, Adobe Illustrator, FinalCut, Rhinoceros 3D modeling, MS Office, etc

Banking Skills: POS Master POS terminal, OpenWay Way4, Testing, Visa, MasterCard, AMEX, Inpass, EMV, "LFS" system this is EDMS - electronic document management system

Installation: network/telephone (UTP/FTP cable, low electric 220V/380V)

Other skills: SDR (software defined radio), DMR radio, Soldering, Multimetr, Oscilloscope, UpGrade/DowdGrade firmware on Android device, OpenWRT, AutoCAD, REI - rules of electrical installation Ukraine, Electrical installation guide According to IEC international standards "Schneider Electric S.A."

More information about my hobby and work you can see my GitHub

https://github.com/dotignore/Raspberry/blob/master/differents_things/README.md

EDUCATION

■ Kyiv National Economic University, **Applied statistics**, Master's degree diploma M16 #019015 2016

■ Professional Technical School, 3rd category **electrician**

■ Specialized Courses, 1st category **radio equipment adjuster**

Personal qualities: Ability to work independently with very little direction/supervision, analytical, self-organizing skills, troubleshooting, responsible, honest, sociable.

Languages: Russian\Ukrainian – native, English – Upper-Intermediate

Driver's license - category "B"