IVAN STARODUBTSEV

Embedded Software Engineer

INFO

ADDRESS

Milky Way/Orion-Cygnus
Arm/Solar
System/Earth/Ukraine/Kyiv

PHONE

+380679262642 / Telegram

EMAIL

ivan.starodubtsev.name@gmail.com

LINKS

github.com/lorrrn

SKILLS

Programming languages: C
(strong), C++ (confident),
Python (confident).

Programming techniques:
crossplatform development,
multithreading programming,
IPC, networking programming,
REST API, unit testing,
functional testing, device
drivers development, OS-based
(Linux, VxWorks, FreeRTOS) &
no-OS/bare metal.

Development tools: GCC,
binutils, terminal (sh/bash/fish),
build systems (make, cmake,
gn), debuggers (GDB, valgrind,
strace, static code analysis),
virtualization (QEMU), VCS (git,
svn, perforce, clearcase).

PROFILE

Software engineer with vast majority of experience in developing
embedded software for different products from home surveillance
to industrial instrumentation & control systems, from level of board
support package & device drivers to user-land applications.

Extroverted & open minded, responsible & focused on challenging
activities, mentoring experienced, had customer negotiations & project
requirements development.

EMPLOYMENT HISTORY

Sr. software engineer, Ring   Kyiv, Ukraine

Jan 2019 — Jan 2020

Home surveillance products: embedded software development,
maintenance, troubleshooting & bug fixing, new features development
including increasing product stability.

Sr. software engineer, SoftServe   Kharkiv, Ukraine

Jul 2017 — Dec 2018

Network security appliance with in-browser VPN: legacy code
maintenance, troubleshooting & bug fixing.

Sr. software engineer, eZLO   Kharkiv, Ukraine

Jun 2016 — Jun 2017

Home security sensors hub: new features development,
troubleshooting & bug fixing, sensors integration.

Sr. software engineer, CUJO   Kharkiv, Ukraine

Aug 2015 — May 2016

Home network adaptive firewall appliance: developing new product
embedded software from scratch, porting numerous opensource
projects into one box, troubleshooting, optimization, bug fixing.

Software engineer, Echostar   Kharkiv, Ukraine

Jul 2013 — Jul 2015

Multimedia delivery platform: new features development, support, troubleshooting & bug fixing.

Software engineer, GlobalLogic   Lviv, Ukraine

Dec 2012 — May 2013

Board support package for real-time applications: developing device drivers, troubleshooting & bug fixing.

Software engineer, Echostar   Kharkiv, Ukraine

Nov 2011 — Nov 2012

Multimedia delivery platform functional testing application: developing new features, troubleshooting & bug fixing.

Software engineer, Impulse   Severodonetsk, Ukraine

Apr 2010 — Oct 2011

Industrial instrumentation & control system: developing embedded software , conducting its integration into huge industrial process automation system.

EDUCATION

Masters degree, National Aerospace University "Kharkiv Aviation Institute"   Kharkiv, Ukraine

Sep 2004 — Mar 2010

Radio-technical faculty, Electronic devices specialization