Sergey Nazaryev

Embedded Linux Engineer, 24 y.o.
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4 years as Embedded Linux Developer, 6 years total as a developer.
Looking for an Embedded Linux-related position.

SKILLS

Primary tools for me	C and POSIX shell
Have experience with	Python, Java (Android)
VCS	Git, Subversion
Build tools	GNU make, Jenkins, GitLab CI
Linux distros	Debian, Arch Linux, Buildroot, Yocto
Protocols	I2C, SPI, UART
Other	Vim, Markdown, LaTeX, HTML5/CSS3, Docker

EDUCATION

Shamoon College of Engineering
M.Sc., Software Engineering / 2020 – 2023

ITMO University (Information Technologies, Mechanics and Optics)
B.Sc., Embedded Systems / 2013 – 2017

WORK EXPERIENCE

2019 **Embedded Linux Platform Engineer @ Cogent Embedded**
Embedded automotive software / 2018 – 2019

· Maintained Yocto layers for in-house Linux distro based on Yocto Project;
· Improved deployment speed of OS and applications to new devices;
· Organized reproducible builds for software using Jenkins;
· Documented firmware deployment to new devices.

Tech stack: Yocto Project, Automotive Grade Linux, Qt 5, C/C++, POSIX shell, Renesas R-Car, Jenkins

2016 **Embedded Linux Engineer @ Protei**
Telecommunications solutions / 2016 – 2018

· Participated in R&D of in-house Linux distro based on Buildroot for devices made by company;
· Ported and fixed drivers for Linux and U-boot, sometimes developed small drivers from scratch;
· Helped HW engineers with fixing bugs related to SW/HW interactions;
· Created and supervised building process using Jenkins, GitLab CI and Docker.

Tech stack: Freescale i.MX6 / x86, Qt 5, Debian GNU/Linux, C, POSIX shell, Python, Buildroot, Jenkins, Docker

2015 **Embedded Linux Developer @ NTC Metrotek**
Networking hardware / 2015 – 2016

· Ported application from Nut/OS (AVR) to GNU/Linux (ARM);
· Adapted Debian GNU/Linux for running on devices created by company;
· Helped with packaging software for Debian GNU/Linux.

Tech stack: Altera Cyclone V, Debian GNU/Linux, C, Python, POSIX Shell, Jenkins

2014 **Junior Android Developer @ Mobium** *(Android e-commerce apps development)*

Languages English (intermediate), Hebrew (elementary), Russian