

Sergey Nazaryev

Embedded Linux Engineer, 23 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.

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.
- 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.
- Freescall 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.
- Altera Cyclone V, Debian GNU/Linux, C, Python, POSIX Shell, Jenkins
- 2014 ■ **Junior Android Developer @ Mobium** (*Android e-commerce apps development*)

SKILLS (MOST IMPORTANT ARE UNDERLINED)

Primary tools for me	<u>C</u> and <u>POSIX shell</u>
Have experience with	Python, Java (Android)
VCS	Git, Subversion
Build tools	<u>GNU make</u> , <u>Jenkins</u> , GitLab CI
Linux distros	<u>Debian</u> , <u>Arch Linux</u> , <u>Buildroot</u> , Yocto
Other	<u>Vim</u> , <u>Markdown</u> , <u>LaTeX</u> , HTML5/CSS3, Docker
Languages	English, Hebrew (elementary), Russian

EDUCATION

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