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Top Skills

JavaScript
Web Development
Node.js

Languages

English (Native or Bilingual)
Russian (Native or Bilingual)
Belarusian (Full Professional)

Aleksey Smolenchuk

Senior Software Engineer II at Uber
San Francisco, California

Summary

I specialize in full-stack web development, with expertise in configuring and deploying services into a complex microservice stack. I have an excellent grasp of Node.js and its ecosystem, as well as the constantly changing world of frontend engineering. Many years of experience building large frontend platforms serving hundreds of projects and developers from the ground up.

I also have experience in developing Linux system and userspace software for embedded and desktop platforms, device drivers for custom hardware, kernel tweaks, and system administration.

Excellent at Node.JS and client-side JavaScript, HTML/CSS and friends, Bash.

Familiar with Python, C, C++ (Linux Kernel, Qt)

Some Go and Lua

Experience

Uber

Senior Software Engineer II, Internal Tools
January 2018 - Present

Technical lead on products, components, processes, and frameworks that power internal operator browser-based tools.

Uber

5 years 3 months

Engineering Manager, Developer Experience
June 2017 - Present
San Francisco Bay Area

Leading a small team working on an internal developer productivity tooling.

Senior Software Engineer, Web Platform
June 2014 - June 2017 (3 years 1 month)
San Francisco, California

Lead development of internal components, frameworks, and processes for deploying and supporting hundreds of internal and external web applications.

Branding Brand

Senior Software Engineer, Architecture

November 2012 - May 2014 (1 year 7 months)

Greater Pittsburgh Area

- Designed, developed and maintained key components of internal software architecture powering mobile e-commerce websites and apps for world leading retailers.
- Designed various internal tools and frameworks for schema validation, analytics, error tracing/tracking, and performance auditing.
- Worked with teams developing, maintaining and improving front-end and back-end components for various e-commerce platforms.
- Gained expertise with Node.js and supporting software tools and frameworks.
- Gained experience in working with various web-scale software principles and associated software stacks.

Ansaldo STS

4 years 7 months

Embedded Software Engineer, Product Development

December 2010 - November 2012 (2 years)

- Developed Linux-based embedded safety-critical application and operating system software solutions for multiple projects. Designed rich browser-based maintenance interfaces for various products.
- Developed, and maintained desktop maintenance software applications.
- Authored and edited software requirements and other software lifecycle documentation.
- Performed functionality testing and assisted various verification teams.

Software Engineering Intern, Product Development

May 2008 - 2010 (2 years 8 months)

- Experience in designing, developing, testing, and maintaining systems, communications, simulation, and administration software products for embedded Linux and desktop platforms.
- Developed a robust web-based maintenance software client and a C/Lua-based embedded server backend on an MMU-less embedded architecture with an uClinux-based OS.
- Wrote drivers and C APIs for various digital and analog signal I/O simulation solutions.

- Created various cross-platform maintenance software products utilizing C++ Qt Framework.
- Assisted in administering and maintaining a cluster of Linux-based development servers.
- Gained experience in software engineering methodology and lifecycle.
- Produced test reports, requirement specifications, and various software design documents.

University of Pittsburgh CSSD
Residential Computer Consultant
August 2008 - May 2009 (10 months)

- Provided computer service and troubleshooting services to University students. Successfully resolved over 130 issues.
- Provided over-the-phone expert support for fellow consultants.

The Pitt News
Advertisement Designer
May 2008 - February 2009 (10 months)

- Designed various print ads and advertisement campaigns for local business clients.

Self employed
Computer Consultant
June 2007 - January 2009 (1 year 8 months)

- Provided PC building, troubleshooting, and data recovery services to residents of the Greater Pittsburgh Area.
- Developed strong, positive customer relations with over 15 local residential clients.
- Developed a PHP-based appointment tracking system utilizing Zend/GData technologies.

Education

University of Pittsburgh
Bachelor of Science, Computer Science · (2007 - 2010)

Finmeccanica FLIP
Finmeccanica Learning Induction Program · (2011 - 2012)