Vladislav Zakharov

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C++ Software Developer

7+ years of experience of C++ software development in geoservices, trading, automotive domains
Tools: C++, STL, CMake, Git, Bash, GDB, Python, JavaScript, Vue.js, Lua

WORK EXPERIENCE

VK
Oct 2021 –
up to present
Russia

Software Developer
- Improved Maps quality, fixed several issues in the search engine algorithms
- Added an API endpoint to search for available types of objects on Maps
- Extended Maps search API responses with debug information

Finstek
Oct 2020 –
Sep 2021
Russia

Software Developer
- Fixed various bugs in a system that aggregates data from multiple liquidity providers, including synchronization and logical issues
- Introduced several REST API endpoints for configuration retrieval and modification
- Integrated several new liquidity providers into the system

Luxoft
May 2017 –
Oct 2020
Russia

Software Developer
- Improved the lidar simulator performance up to 10 times (depending on scenes)
- Designed and implemented an end-of-line calibration tool for a lidar that selects APD configurational parameters based on the feedback from a sensor
- Fixed issues and added features for a precision agriculture system, i.e. new types of guidance lines

Synopsys
Dec 2015 –
May 2017
Russia

Intern Technical
- Fixed a critical issue in a network device driver in the Linux kernel that was causing the kernel to hang on boot
- Developed and released a U-Boot timer driver for a proprietary development board
- Fixed minor bugs in ports of Buildroot, GNU Binutils, U-Boot and other open source projects for ARC architecture
- Wrote autotests for Synopsys proprietary IDE

Emlid
Dec 2014 –
Dec 2015
Russia

Junior Software Developer
- Implemented a GPIO signal sampling using a direct memory access controller
- Fixed several bugs in the autopilot drivers

PERSONAL PROJECTS

- Developed a frontend for the Opentact communication platform (Vue.js, webpack, npm)
- Wrote a Telegram bot that sends screenshots on request (Python)
- Published a chrome extension that helps to fill in forms on a government website (JavaScript)

EDUCATION

ITMO University
2016 – 2018

Faculty of Software Engineering and Computer Systems
Master's degree, Major: «Software Engineering»

ITMO University
2012 – 2016

Faculty of Software Engineering and Computer Systems
Bachelor's degree, Major: «Computer Science and Computer Engineering»

FOREIGN LANGUAGES
English (advanced)
IELTS: score 8.0 (Oct 2019)

HOBBIES
Information technologies, hiking,
snowboarding