ILIA ZHITENEV

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OBJECTIVE

Passionate Software Engineer with 6+ years of experience in C++, 8+ years in C and 3 years in Python, with a M.Sc. degree in Laser Engineering. Skilled in software and database design, modern C++, and testing. Strong knowledge of OOP, SOLID principles, and design patterns. I'm happy to develop myself professionally as a software engineer. Open to knowledge sharing and mentoring.

EXPERIENCE

Software Engineer @ Yandex Eats (eda.yandex.ru)   Jul 2022 - Present
Leading food tech company on the Russian market
Belgrade, Serbia

- Optimized database index, resulting in 12x faster processing time and resolved customer complaints.
- Refactored and optimized microservices, reducing database load and improving stability.
- Designed and developed product features from scratch.

Software engineer @ KONTINENT (kontinent-spb.ru)   May 2019 - Jul 2022
Specializes in development and manufacturing embedded systems for trains and public transport
St. Petersburg, Russia

- Developed firmware for HVAC on transport systems with high reliability requirements
- Designed and developed a device to reduce testing time and increase test coverage of mass-produced products, resulting in significant cost savings and improved product quality.
- Optimized data processing algorithms in real-time systems, resulting in a significant increase in system performance and improved user experience.
- Designed desktop applications for device control over the network.

Software engineer @ Maiman Electronics (maimanelectronics.com)   Mar 2018 - May 2019
Specializes in development and manufacturing laser diode drives
St. Petersburg, Russia

- Designed and developed desktop applications for the company's devices, published as open source.
- Led software development and mentored interns.
- Developed a software simulator to reduce material and time costs of a project, providing a more flexible testing process.

Projects (available at maimanelectronics.com/download):

- Software for single power supply control (github.com/ilyazh/Maiman-Workbench)
- Software for multiple power supply control (github.com/ilyazh/MaimanMCBS)

EDUCATION

Master of Science: Laser Engineering and Laser Technologies,   2014 - 2016
ITMO University, St. Petersburg, Russia

SKILLS SUMMARY

C++, Golang, Python, PostgreSQL, Redis, Boost, CMake, gRPC, Google Test, Docker, Flask, Linux, Teamcity, CI/CD, Rest API, OpenAPI, Git, SVN, GDB, Microservices, Distributed Systems,