

Ales Lisovskij

C++ Backend Developer

Tech stack

C++17, Cpp UnitTests, GTest, Boost, QT, STL, OOP, WinApi, Multithreading, Asynchrony, VS Code, MS Visual Studio, JSON, HTTP, SQL, SQLite, Git, Bazel, CMake, Linux(bash), Inline Assembler C++, FHIR, Kanban

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Experience

iTechArt - Mentoring C++ Developer (March 2024 - July 2024)

Worked on end-to-end messenger development under mentorship, gaining experience with modern C++ backend practices:

- Participated in developing the server-side with asynchronous socket communication for concurrent client handling
- Implemented and optimized SQLite3 database operations ensuring data consistency and performance
- Configured modular build system using Bazel for reproducible development environment
- Utilized GTest for unit testing and code quality assurance
- Used QT framework for UI components and Boost libraries for extended functionality

Languages

English - B1

Russian - native

Education

BSU - Applied

Mathematics and Computer Science

Belinnovation - C++ Backend Developer Intern (May 2025-September 2025)

Internal healthcare software project. Contributed to a client-installed medical information system with local web interface, C++ backend server, and database, focusing on reliable patient data management:

- Enhanced C++ backend server functionality by working on socket communication modules that parse and process JSON-formatted requests from the web interface
- Optimized SQLite database architecture for storing patient records, medical staff information, and laboratory test results with efficient data retrieval
- Configured build system using CMake for server deployment and integrated GTest for reliability verification
- Improved existing data validation and error handling mechanisms for critical healthcare information
- Developed data serialization/deserialization mechanisms for reliable client-server communication

Courses

IT Warm-Up at EPAM

Version Control with Git at EPAM

.NET Development at EPAM