Atai Askarov

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EDUCATION

Concordia University

Bachelor of Software Engineering *Sep. 2022 – May 2026*

Relevant Coursework: Requirement Analysis and Deployment, Software Architecture, Database Management

Languages: English: Spoken and Written • Russian: Spoken and Written • French: Spoken and Written

TECHNICAL SKILLS

Languages: Java; Python; JavaScript; HTML; CSS; PowerShell; SQL: PostGreSQL, MySQL; NoSQL: Neo4J
Frameworks: React.js, Node.js, React Native, Flask, JUnit, Jest, SpringBoot
Developer Tools: Git, Docker, Postman, JADx, Burp Suite, Android Studio, Github Actions, Jacoco, OClave, SonarCube, Figma
APIs: Google APIs: Places API, Geocoding API, Directions API, GmailAPI; Spotify API

EXPERIENCE

The CSL Group Inc.

Operational Optimizer Intern *Sep. 2023 – Dec. 2023*

- Monitored O2 Fleet and Vessel dashboards, reports, and logs to ensure data accuracy and consistency, implementing corrective measures to enhance platform performance and usability
- Designed 74 dashboards on the PiVision user interface and managed the excel based, Pi DataLink database
- Conducted rigorous quality assurance reviews over completed dashboards to uphold the standards set in place
- Rectified ESRI geofencing areas and parameters, fine tuning the system to properly update ships' statuses upon entering or exiting geographical areas

PROJECTS

Concordia Navigation System | *React Native, Google APIs, Jest* Jan 2025 – Now

- Led project management by developing a work breakdown structure and delegating tasks, improving team productivity and ensuring timely project delivery.
- Designed and integrated Google Maps using React and React Native, providing a seamless cross-platform mapping experience.
- Conducted user persona research and created front-end mockups, ensuring an intuitive and user-friendly design.
- Implemented Google APIs for real-time route generation, enhancing navigation and user experience.
- Conducted unit and component testing using Jest, improving app stability and reducing potential bugs.

Platform for Group and Private lessons | *Java, Maven, SpringBoot, PostGreSQL* Sep 2024 – Dec 2024

- Developed a scalable backend system to support group and private lessons by leading backend development with Spring Boot and PostgreSQL, enabling seamless scheduling and interaction.
- Designed and implemented a persistent data layer using PostgreSQL and enforced constraints with Object Constraint Language (OCL), improving data integrity and business rule enforcement.
- Conducted requirement analysis and produced key deliverables by generating detailed documentation and system artifacts, guiding development and minimizing revisions.

Car Rentall Full Stack Application | *Python, Flask, React, MySQL, Google API* Jan 2024 – May 2024

- Developed a full-stack web application to facilitate car rental operations, implementing Flask for the backend and React for the frontend, creating a responsive and interactive user experience.
- Maintained code quality and ensured smooth collaboration within the development team by enforcing best practices with Python Linter and managing version control with GitHub Actions, reducing errors and improving code maintainability.
- Integrated Google APIs for automated notifications and maps, leveraging Gmail API for email automation and Google Maps API for dynamic rendering on React pages, improving communication and navigation features.
- Designed and optimized MySQL database schemas to handle user data and rental transactions efficiently, creating structured tables and writing optimized queries for faster data retrieval and improved scalability.