Aleks Valuev
Software Developer

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Technical Skills

Languages and libraries: C++, HTML5, JavaScript, TypeScript, Node.js, React.js, Express.js, Redux.js, Next.js, Vue.js, CSS3, Bootstrap 5, Tailwind CSS, GraphQL, Jest, Playwright.
Databases: Oracle, MongoDB.
Softwares: Visual Studio 2019, Visual Studio Code, Figma, Git/GitHub.

Work Experience

3RM, Software Engineering Intern   San Francisco, US | December 2023– now
- Developed **responsive web pages** and **implemented features** based on **Figma** design mockup files while **presenting** and **reporting** each stage of the development.
- Created migrations and designed new server **endpoints** for performing CRUD operations.
- Successfully **integrated third-party APIs** and **in-app software**, ensuring smooth interoperability and extending the capabilities of the software ecosystem.
- Conducted comprehensive **end-to-end**, **unit**, and **integration testing** using **Jest** and **Playwright** libraries.
- **Collaborated** with the team in project development, contributing to **debugging** efforts and recommending **maintenance** improvements.

Regional Technical Inventory, Software Engineering Intern   Krasnodar, Russia | May 2021– August 2022
- **Investigated**, **analyzed**, **drew, and prototyped** the corporation LAN, found and resolved the issues in the system by eliminating latency problems.
- **Led** the building project of the company's inner web application using **React.js**, **Redux.js** for the frontend, and **Python** for the backend.
- Used **agile methodology, presented** and **reported** each stage of the development, and **coordinated** UI/UX details.
- **Wrote documentation** on how everything works in the code.
- **Analyzed** and **monitored** the performance of internal systems and software builds.

Education

Seneca College   2022
Computer Programming Diploma – GPA: 3.7/4   Toronto, ON

Projects

Company API App
In Web Prog. Tools and Frameworks course at Seneca created an API project using **Node.js** and **Express.js** to practice AJAX by making requests for data to **MongoDB** and **PostgreSQL** databases and performing CRUD operations via AJAX on a data source using a **RESTful** service. Wrote **OpenAPI** documentation for HTTP endpoints. The final grade for the course was a 100% score.

Path Search / Sorting Visualizer
Developed a Path Searching and Sorting Visualizer using **React.js** and **Redux.js** to advance proficiency in **data structures and algorithms**. These projects encompassed the in-depth **exploration**, **analysis**, and implementation of diverse **graph and sorting algorithms**, mazes, and a versatile grid system, tailored to auto-adjust for different screen resolutions. Demonstrated a strong dedication to enhancing problem-solving skills and algorithmic understanding.

VidTalkie (Full Stack Application)
Developed a TikTok clone utilizing cutting-edge technologies including **Next.js**, **Sanity**, **React.js**, and **TypeScript**. Demonstrated expertise in creating **dynamic routing** and efficient **API calls** using Next.js while seamlessly integrating **Google Sign-In** and **CMS-Sanity**. The project showcased proficiency in building a wide range of features such as user profile pages, video uploading, and robust interaction functionalities including liking, commenting, searching, and filtering.