Aleks Valuev
Software Developer
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Technical Skills

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

Work Experience

RollCredits, Software Engineering   Los Angeles, US | November 2024 – now
- Led development of a **full Payroll Management Platform** for entertainment productions, delivering end-to-end functionality with timesheets, payroll calculations, production setup, document management, and unions compliance.
- Designed and implemented support for **multiple employment types** with signatory management, agreement tracking, and validation workflows.
- Partnered with production and payroll teams to **gather requirements, ensure legal and union compliance, reduce audit risk, and process safeguards across all operations**.
- Built the **paystub and invoice communication system**, including automated PDF generation, custom email/SMS configuration per profile, and **safe, reliable data submission with external providers**, integrating with notification systems.
- **Developed testing, validation, and monitoring workflows** to maintain **data integrity and calculation accuracy**, **preserving previous calculations while integrating compliance version updates**, and ensuring the platform **scales reliably across new data, workflows, and rules**

3RM, Software Engineering   San Francisco, US | December 2023 – November 2024
- Developed **responsive web pages** using **React** and **TypeScript** and **implemented features** based on **Figma** design mockup files while **presenting** and **reporting** each stage of the development.
- Designed and implemented new server **endpoints** for performing search and 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, **refactoring** and **maintenance** improvements.

LaunchUp, Software Engineer   Toronto, Canada | January – March 2023
- **Developed and managed** a curriculum framework for programming students, incorporating hands-on learning experiences and practical exercises focused on **React**, **Redux**, **JavaScript**, and other relevant technologies.
- **Designed and implemented** a system of **learning tickets** to facilitate student practice and exploration of new programming concepts, fostering a deeper understanding of key principles.
- Authored comprehensive **Jest test** suites to evaluate student implementations, ensuring correctness and functionality in accordance with project requirements.

Education

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

Projects

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.