David Kwon

Denver, CO

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https://github.com/dkwon1223

Summary

Results-driven Software Engineer with certification in Frontend Engineering and professional full-stack experience at Clover. Proficient in building responsive web applications using React and TypeScript on the frontend, while leveraging Spring Boot for robust backend development. Combines strong technical foundations with practical implementation skills to deliver scalable solutions that bridge user experience with system architecture. Committed to writing clean, maintainable code and continuously expanding technical expertise across the development stack.

Work Experience

Clover   **Sep 2024 - Present**
Software Development Engineer in Test   *Colorado Springs, CO*

- Engineered and deployed full-stack features for the billing system by collaborating with cross-functional teams, utilizing Spring Boot and Java for backend services while implementing responsive frontend components with React/TypeScript, resulting in streamlined payment processing workflows.
- Executed rigorous testing protocols and resolved critical software defects across both POS hardware and application layers, reducing customer-reported issues by identifying integration edge cases and optimizing system performance for enhanced user experience.
- Assisted in the planning and execution of development sprints, contributing to agile methodologies and facilitating continuous integration and deployment processes.

Projects

StackPedia

- Created a full-stack web application empowering users to explore and learn about new technologies and software stacks, fostering knowledge sharing and community engagement.
- Crafted a responsive UI using TailwindCSS, ensuring a seamless experience across devices.
- Implemented JWT-based user authentication with role based authorities and protections.
- Designed and deployed a scalable REST API using Spring Boot and PostgreSQL, enabling efficient data management and seamless integration with front-end services.

Vaultry

- Collaborated with a team of 3 to deliver a full-stack e-commerce platform enabling users to browse and purchase miscellaneous items, resulting in a smooth end-to-end shopping experience.
- Integrated Stripe API for secure payment processing, ensuring reliable and efficient transaction handling.
- Developed a RESTful API using Express.js, Sequelize, and SQLite to manage CRUD operations, optimizing backend performance and data retrieval.

Education

Turing School of Software & Design   **Nov 2023 - Jun 2024**
Accredited Frontend Software Engineering Certificate   *Denver, CO*

Skills

- HTML, CSS, JavaScript, React, Java, Spring Boot, TailwindCSS, Material UI, Jest, Mocha, Chai, Cypress, JUnit, Mockito, AssertJ, Node.js, Express.js, MongoDB, TypeScript, PostgreSQL, MySQL, Content Management Systems