Dion Tu

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Summary

Software engineer with 3 years of web development experience, designing and implementing frontend and backend solutions within an Agile environment. At Scotiabank, I co-led my team, delivering end-to-end flows of 2 frontend applications with error handling. Continuously satisfied business requirements through delivering features with emphasis on code quality and maintainability. I have an interest towards the latest technologies, developing maintainable code and am actively seeking ways to optimize frontend experiences.

Skills

Programming Languages: JavaScript (React, React Native, Node.js, AngularJS), Java (Spring), HTML, CSS.
Databases: SQL Server, PostgreSQL, MongoDB.
Others: Git, GitHub, Docker, Amazon Web Services (S3, EC2), Jira, Confluence, WordPress.

Education

Lassonde School of Engineering, York University   Toronto, ON
Honours Bachelor of Engineering, Software Engineering   09/2017–05/2021
- Graduated May 2021.

Work Experience

Software Engineer I   Toronto, ON
Scotiabank   07/2021–Present
- Designed and developed 2 multi-step frontend applications, payment creation and approval, for corporate and commercial banking using React, Redux Toolkit, and CSS.
- Co-led a team of 4 to deliver end-to-end flow of the payment creation and approval applications with error handling.
- Developed and presented a solution to introduce a modal popup in the parent application of a micro-frontend architecture that hosted 15+ micro-frontend applications.
- Actively contributed to Scotiabank's standard UI components library to improve user's experience and interaction.
- Implemented Java APIs for consumption, using Spring.
- Worked closely with product owners to implement required and suggested features, while discussing limitations and suggested solutions.
- Written more lines of code for tests than for features using Jest and React Testing Library.

Developer, Co-op   Toronto, ON
TD Bank   05/2019–08/2019
- Developed solutions for frontend error handling using AngularJS, Spring Boot, and MySQL.
- Collaborated with team members to identify and resolve bugs, reducing backlog work items by 5%.
- Worked closely with business stakeholders to maintain an internal business web application, with emphasis on addressing user feedback.
- Worked with Quality Assurance to ensure functionality is expected.

Projects

CarePilot   09/2020–04/2021
- Developed a mobile solution for effective communication between patients and their families within a hospital setting, using React Native and Firestore.
- Transformed requirements into deliverable solutions. Carried out a technical roadmap detailing the work items and their acceptance criteria, using Azure DevOps to keep track of development progress.
- Planned and carried out Agile Scrum methodology with sprint planning, reviews, and retrospectives.

Certifications

Amazon Web Services Cloud Practitioner   12/2020