

Raymond Duong

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Experience

Full Stack Developer, ATB Financial, Calgary, AB (Remote) Feb 2022 – Dec 2023

Tech: TypeScript, JavaScript, React, Node, Java, Python, Microsoft SQL Server, Git, CI/CD, MongoDB, ExpressJS

- Revamped legacy codebase with ReactJS, boosting customer satisfaction by 20% through improved user experience, responsiveness, and functionality.
- Led the successful migration to Simility's fraud detection APIs, reducing fraudulent transactions by 12% and safeguarding over \$100 million in assets.
- Maintained a code testing coverage of 90% or higher using Jest, JUnit, and React Testing Library, ensuring software reliability and minimizing bugs in production.
- Designed a comprehensive development manual, unifying coding practices and fostering seamless collaboration within a 50+ engineer team.
- Implemented static application security testing with Veracode into gitlab CI/CD pipelines, achieving a 60% reduction in API exploits and fortifying software security.
- Integrated Veracode into the Gitlab CI/CD pipelines which slashed API exploits by 60%, significantly bolstering software security.

Software Developer, Brightside, Calgary, AB (Remote) Oct 2019 – Feb 2022

Tech: JavaScript, React, Node, Java, Python, MongoDB, Git, CI/CD Pipelines

- Enabled secure transactions for over 100,000 users and surpassed \$100 million by integrating Interac e-Transfer, enhancing platform functionality, security, and user trust.
- Engineered a push and email notification backend microservice (Java, NodeJS, Spring Boot, MongoDB), boosting user engagement, account security, and platform robustness.
- Developed the "Friends With Benefits" feature, driving significant customer acquisition by attracting new users and expanding the user base.
- Architected and developed a Java and React referral program, incentivizing existing users and fueling a 2,500% surge in customer acquisition and retention.
- Integrated Mixpanel analytics across front-end and back-end systems, enabling data-driven decisions for more effective feature prioritization.
- Designed and implemented various SQL query helper functions to improve code organization and visibility.

Software Engineer Intern, Arterys, Calgary, AB (Remote) Aug 2017 – Sept 2018

Tech: JavaScript, Angular, Bash/Shell, Python, Git, Docker

- Implemented innovative automated testing designs using Pytest, accelerating the testing process and facilitating faster identification and resolution of software defects.
- Created a comprehensive on-site setup manual, saving each of the 30+ clients an estimated \$10,000 by reducing reliance on costly onsite support and ensuring efficient onboarding.
- Streamlined manual testing procedures, increasing release testing efficiency by 20% which resulted in reducing the man hours required per release by 10%.
- Developed a robust internal dashboard using Grafana empowering data-driven decision-making and bug detection and monitoring.

Skills

Languages: Bash/Shell, Java, JavaScript, Pascal, Python, Rust, Solidity

Frameworks: AngularJS, Hardhat, Foundry, ExpressJS, Jest, JUnit, Node, PyTest, React, Spring Boot, Tailwind

Tools & Technology: AWS, CI/CD, Docker, GCP, Git, OpenAPI/Swagger, RESTful APIs, Splunk, Mixpanel, Twilio, Web3

Education

University of Calgary – Bachelor of Science in Computer Science

Apr 2019