

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, Git, CI/CD, MongoDB, Express

- Rebuilt the front-end of BizBank using React boosting user experience, responsiveness, and functionality.
- Led the migration of legacy fraud detection to Simility reducing and preventing fraudulent transactions.
- Maintained a code testing coverage of 90% or higher using Jest, JUnit, and React Testing Library ensuring software reliability, backwards compatibility, and minimizing bugs in production.
- Designed a comprehensive development manual for 50+ developers, unifying coding and development practices.
- Integrated Veracode into Gitlab CI/CD pipelines reducing API exploits by 60% and enhancing software security.

Software Developer, Brightside, Calgary, AB (Remote)

Oct 2019 – Feb 2022

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

- Integrated Interac e-Transfer into the app with Node, React, and Java, allowing 75k users to transfer over \$100mm.
- Built and designed a push and email notification microservice in Java, boosting user engagement and account security.
- Collaborated with local businesses and developed the “Friends With Benefits” feature using Java, Node, React, and MongoDB, driving customer acquisition by 15% and increasing customer spending.
- Led the development of a referral program in Java, Node, and React, increasing customer acquisition by 2500%.
- Integrated Mixpanel analytics on the frontend and backend, enabling data-driven decisions for feature prioritization.

Software Engineer Intern, Arterys, San Francisco, CA (Remote)

Aug 2017 – Sept 2018

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

- Implemented automated testing designs and patterns using Pytest, accelerating the testing process and facilitating faster identification and resolution of software defects.
- Authored a comprehensive setup and debugging manual for hospitals running our server on their LAN, reducing the need for costly support visits and streamlining onboarding, saving each client an estimated \$10,000.
- Streamlined and optimized manual testing procedures, increasing release testing efficiency by 20% and reducing required man hours by 10% per release.
- Implemented proactive monitoring and alerting systems with Grafana, resulting in a 99.90% uptime and significantly reducing mean time to recovery (MTR) for incidents.

Skills

Languages: Bash/Shell, Java, JavaScript, Pascal, Python, TypeScript

Frameworks: Angular, Ethers, Express, Jest, JUnit, Mocha, Node, PyTest, React, Spring Boot, Tailwind, Web3

Tools & Technology: AWS, CI/CD, Docker, GCP, Git, Grafana, Jira, Mixpanel, RESTful APIs, Splunk, Twilio

Education

University of Calgary – Bachelor of Science in Computer Science

Apr 2019