

ERIC TAN

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TECHNICAL SKILLS

Front End:

React • Vue.js • JavaScript • TypeScript
Node.js • React-Native

Back End:

Python • Java • PostgreSQL • MySQL
MongoDB

Testing/Deployment:

Amazon Web Services (AWS) • AWS S3
AWS Lambda • AWS EC2 • JUnit

Developer Tools:

Docker • Git • npm • Agile Methodology

EDUCATION

BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

B.Sc. IN COMPUTER SCIENCE

Grad. June 2022 | Burnaby, BC

Computer System Technology
Information System Option

COURSEWORK

UNDERGRADUATE

Advanced Object Oriented Programming

Advanced Web Development

Full Stack Development Enterprise

Developing Enterprise Service

Intranet Planning and Development

System Administration

Mobile Development with Android Tech

Algorithm Analysis and Design

Operating Systems

Business Analysis and System Design

Advanced Business Communications

LINKS

Github:// [ErichasaTan](#)

Gitlab:// [TanE](#)

LinkedIn:// [erictan](#)

Portfolio:// [erichasatan](#)

Stack Overflow:// [Eric Tan](#)

WORK EXPERIENCE

IOTO

Vancouver, BC

SOFTWARE ENGINEER

Oct 2022 - Present

- Implemented, tested, and deployed REST API using AWS API Gateway and Serverless Application Model (SAM) for production and development use.
- Automated municipal councilors' Twitter scraper by creating a daily executable script, reducing manual effort and new queries by 75%.
- Provisioned AWS cloud computing services using IaC (AWS Cloudformation).
- Reduced AWS CodePipeline failures by 96% by validating AWS CodeCommit pull requests with AWS CodeBuild linting and AWS Lambda functions.
- Main technologies: Python, Amazon Web Services (AWS), PostgreSQL, and Docker.

LOVE YOUR PLANET FOUNDATION

Burnaby, BC

SOFTWARE DEVELOPER INTERN

Jan 2022 - July 2022

- Coordinated with a short-cycle, agile, iterative development team to build and ship a social media Android app minimum viable product.
- Optimized user acquisition rate by 19% by integrating cross-app post-sharing with Facebook and Twitter platforms.
- Improved user experience and engagement by designing a deferred deep linking flow with less friction.
- Main technologies: React Native, Redux, Node.js, MongoDB, and Heroku.

PROJECTS

SPELL-IT!

PERSONAL PROJECT

May 2022

- Built an educational learning app from end to end, practicing CI/CD pipeline workflow through Microsoft Azure and Github Actions.
- Architected the app design using the Model-View-Controller (MVC) pattern.

TIMEKEEPER

ACADEMIC PROJECT

Feb 2022 - June 2022

- Led the development of a timesheet service app from scratch, able to automate project management for over 3000 employees.
- Developed a graphical user interface for users to perform advanced, multi-level queries to a MySQL database.

VOCABWAR

COMPETITION PROJECT

June 2021

- Collaborated with a student team of 4 to build a multiplayer mobile game app with React, receiving the COMP 2800 2021 Entertainment & Creativity Award.
- Integrated Firebase as a backend server to implement authentication, cloud messaging, and a real-time database.

CERTIFICATES

AWS CERTIFIED DEVELOPER - Associate

AMAZON TRAINING AND CERTIFICATION

Nov 2022 - Present