

# ERIC TAN

VANCOUVER, BC | ERIC TAN · PORTFOLIO  
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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 INTERNATIONAL INC.

*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*