ERIC TAN

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KEY STRENGTHS

Languages: Java, C, C++, C#, SQL, JavaScript, React, React-Native, Vue.js, R

Tools: Visual Studio, IntelliJ, Node.js, Redux, Android Studios, Docker, Azure, Git, OpenShift, Kubernetes, Jakarta EE

Database: MySQL, MongoDB, Oracle, Firebase

Workflow: Agile, GitHub, Windows, Linux, OSX

LEADERSHIP EXPERIENCE

Virgin Mobile Canada
Sales Associate | Nov. 2019 - Sept. 2020

Bell Canada
Retail Support & Online Sales | March - Sept. 2020

Jinya Ramen Bar
Kitchen Leader | March 2017 - Jan. 2019

Share the Warmth
Communications Director | Oct. 2017 - Oct. 2018

Renfrew Community Centre
Friday Youth Nights | March 2015 - June 2018

ADDITIONAL ACADEMIC FOCUS

Full-Stack: Created multiple full-stack, small applications using Java, JavaServer Faces and MySQL

Design Patterns: Studied different object-oriented design principles including the Abstract Factory, Lazy Initialization, Builder, Decorator, Façade and Proxy Design principles in C++

Hosting: Deployed multiple projects applying Microsoft Development tools (C#, .NET, Azure) and using Docker containers and continuous development/integration (CD/CI)

INDUSTRY EXPERIENCE

Love Your Planet Mobile App
Contract Full-time (Full Stack Mobile Developer) | Jan. 2022 - Present

- Led a team of 4, following Agile software development methodology
- Deployed with React Native, Redux, Node.js, MongoDB, and Heroku to create a fully functional mobile application
- Implemented the Parliament of Canada - House of Commons petitions' feature
- Applied the Parliament of Canada bill/law status tracker and daily executable script to keep the database up to date with the government's data
- Implemented cross-platform post sharing with other social media platforms

PERSONAL PROJECTS

Timesheet Application
Academic Project (Frontend Web Developer & UI/UX Designer) | Jan. 2022 - Present

- Worked in a team of 11, following Agile software development methodology
- Deployed with VueJS, Java EE, Java Persistence API, RESTful API and MySQL to create a fully functional web page
- Followed the details of Rational Unified Process (RUP) for Small Projects.
- Implemented authentication, employee timesheet and project management pages

VocabWar Multiplayer Mobile Game
Academic Project (Full Stack Web Developer) | May - June 2021

- Worked in a team of 4, following Agile software development methodology
- Deployed with HTML, CSS, ReactJS, and NPM to create a fully functional mobile web page
- Applied a Dictionary API to verify valid words created during gameplay
- Implemented Google's Firebase as the database for authentication and to store player accounts, high scores, and game lobby IDs

Smarket Grocery Pickup Application
Academic Project (Full Stack Web Developer) | Nov. - Dec. 2020

- Worked in a team of 4, following Agile software development methodology
- Deployed with HTML, CSS, JavaScript and Node. js to create a fully functional web page
- Implemented Google's Firebase as the database for authentication and to store customer & product information

ACADEMIC BACKGROUND

British Columbia Institute of Technology
Computer Systems Technology - Information Systems Option | Expected 2022

Key skills: Programming in Java, C, C++, C#, .NET, R, HTML, CSS, JavaScript, Node.js and jQuery. Full Stack Development with Java Server Faces and Kubernetes OpenShift. Android Development with Android Studio and Java. Business Communications. Algorithm Analysis. Relational Database Systems. Agile software development methodology and Scrum practices.