

JOECO FONG

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<https://joeco.me>

SKILLS AND QUALIFICATIONS

LANGUAGES

- C++, Java, JavaScript, C, MySQL, NoSQL, Mongoose

FRONTEND FRAMEWORKS

- React.js, Material UI, Bootstrap, PrimeFaces, JavaServer Faces

FRAMEWORKS/LIBRARIES

- Node.js, JWT.io, Express.js, Socket.io, Phaser.js, Java Persistence API

DEVOPS/SYSADMIN

- Amazon EC2, Dockers, PM2, NGINX, Heroku, Firebase, WildFly/JBoss, Maven

PROJECTS

JOECO.ME

<https://www.joeco.me/>

December – January 2020

- Configured SSL Certification using NGINX with Let's Encrypt/CertBot to enable HTTPS.
- Deployed application with an Amazon EC2 linux instance, running a NGINX reverse proxy to a node/express server, managed with PM2.
- Implemented Nodemailer to send emails through the application instead of through third-party applications.
- Developed using React.js with Material UI components.

TEMPIFY

<https://tempify-v2.herokuapp.com/>

September – December 2019

- Implemented authentication with JSON web tokens to secure all API requests/responses from Express server to React client.
- Improved load speeds by +200% by migrating Tempify codebase from Laravel/PHP to Node.js/React.js.
- Deployed application through Heroku, and migrated database schema from a third-party MySQL provider to Heroku's MySQL ClearDB add-on.

OPERATION REGEN

<https://operation-regen.herokuapp.com/>

April – May 2019

- Developed a solution to implement the 2D game framework Phaser.js to be wrapped around React.js as an embedded WebGL canvas.
- Implemented the MVC design pattern to be used throughout the project.
- Started an open source bare-bones React-Phaser-Node-Express boilerplate to speed up development for future developers.

COACHABLE

<https://coachable-2e83b.firebaseio.com/>

September – December 2018

- Developed a weekly payment form with JQuery, JavaScript, and NoSQL to show payment totals on a weekly basis for coaches and students.
- Deployed the application on Firebase, using NoSQL for the database.
- Used Bootstrap CSS to build frontend.

EDUCATION

DIPLOMA – COMPUTER SYSTEM TECHNOLOGY BCIT, BURNABY

2018 – Present

DEGREE – HEALTH SCIENCES SFU, BURNABY

2010 – 2016