

TIMAN NJENGA WAMWEYA

Education:

University of British Columbia (Vancouver, BC) September 2014 – April 2020
BCOM: Combined major in Business and Computer Science
CS Coursework: Software Engineering, Algorithm Design and Analysis, Networking, Relational Databases
Business Coursework: Information Systems Analysis and Design, Management of Information Systems, Business Communications, Information Systems Technology and Development

Skills:

(*Proficient*) JavaScript, Java, Typescript, SQL, HTML/CSS, Git, React.js, Loopback.io
(*familiar*) C, PHP, Python, Node.js, Bootstrap, WordPress, AWS Developer Tools

Employment

Experience:

Big Chip, *Software Developer* (Vancouver, BC) May - July 2019

- Collaborated with a team in developing the Matrix system, an upgrade and redesign of Connect, Big Chip's web-based accounting, scheduling and employee management system.
- Implemented a front-end functional HR module in the Matrix in PHP.
- Resolved support tickets from clients and employees using Connect.

Upstat Marketing, *Sales representative* (Vancouver, BC) July - September 2017

- Worked as a Telus Sales rep in Home Presentations, Event Marketing, and Mall Kiosk

Upstat Marketing, *Webmaster* June - September 2016

- Implemented graphical redesign and functional updates of upstatmarketing.com.
- Executed end-point API Integration of the website with Indeed for job aggregation in XML.

Projects:

Junior's Barbershop and School, *Contract Software Developer* (Vancouver, BC) April – December 2019

- Collaborated with the owner to analyze and develop the requirements, database schema and project plan.
- Built a React.js frontend application resulting in a website embedded with a web-application for queueing clients and scheduling employees, www.juniorsbarbers.com.
- Developed a backend REST application using node.js and loopback.io to handle front-end requests and query the database and integrated API'S.
- Integrated Twilio API, Google Calendar API and Google Map API with the web-application.
- Employed various AWS Developer Tools (RDS, Elastic Beanstalk, S3, Certificate Manager, Route 53 and CloudFront) to host and service the database, front and backend applications.

Coast Capital Savings project January – April 2019

- Collaborated with a team to develop a web application to retain information when onboarding new staff.
- Modelled then developed a SQL database for the application.
- Designed and implemented REST API endpoints in Node.js and JavaScript.

Percolate project September - October 2018

- Worked with a team to develop a Domain Specific Language (DSL) that creates scaffolding for Java projects using Java.

Identifier project October – November 2018

- Created and tested a game to visualize code smells using lexical analysis in Python using Pygame.

Email servers October - November 2018

- Developed an SMTP server to save emails and created a POP3 server to retrieve the emails through a TCP connection, in C.

DNS resolver client October 2018

- Developed an iterative DNS resolver client using UDP sockets on Java.

Dict client app September 2018

- Implemented a client application on Java that connects to a dict.org server using UDP sockets to search and return definitions from specified databases.

UBC Insights project September - November 2017

- Built a query engine based on a provided EBNF syntax to answer questions about UBC course offerings and rooms from a .zip file using typescript.
- Developed REST API endpoints for remote usage of the query engine.