

# WASI RAZA

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## EDUCATION

### University of British Columbia

Bachelor's in Computer Science

Sept 2017 – Aug 2022

### Douglas College

Diploma in Computer Science and Information Systems

Oct 2013 – Aug 2017

## EXPERIENCE

### Software Developer Intern

Atomic47 Labs Inc.

January 2021 – April 2021

Kelowna, BC

- Developed, tested, and documented functionality of Nest.js API to add, delete, and modify end-user profiles.
- Implemented REST API endpoints that would retrieve the end-user's cryptocurrency transactions receipts.
- Documented API endpoints that handled database manipulation end-user profile management and transactions.
- Added a new sign-in portal using React to save millions of users three clicks per interaction.
- Developed a React dashboard component that dynamically sets the user's time zone based on their browser.
- Automated HTTP API requests using Postman to increase test coverage by 95%.

### Full Stack Web Developer

University of British Columbia

September 2019 – December 2020

Kelowna, BC

- Designed and built a research platform to record, store and analyze bio-data by myself.
- Corrected quality assurance concerns while in direct contact with client in an agile environment.
- Employed HTML and CSS to design front-end web pages.
- Developed relational databases and data analysis tools using PHP and SQL to examine patient data.
- Wrote unit tests that gave 98% coverage.

## PROJECTS

### Capstone Project (Back-end API development) | JavaScript, MySQL, Node.js, Mocha, Chai, Express, Stripe Transaction API

- Developed a Node.js API with CRUD endpoints for MySQL database, and Stripe API with user authentication.
- Led a team of 3 other developers by distributing tasks, being scrum master, code review and delegating client requirements, all the while setting up milestones and deadlines.
- Setup CI pipeline on Heroku cloud platform and CD pipeline on drone CD platform.
- Prepared detail design documents as per business and functional requirements.
- Used mocha and chai libraries to create tests that achieved 98% coverage.

### AI Bot | Python, Google Translate API, Google Geo-coding API, GPT-3

- Utilised Python and GPT-3 to create a chat bot with an adventurous spirit to find Atlantis.
- Applied Google Geo-coding API to name longitude and latitude of places asked of bot.
- Utilized Google translate to translate phrase from any language to English

### Wasiraza.com | React, Yarn, Sass, Node.js, Figma

- A portfolio website built from the ground up with the objective of learning new technologies and frameworks.
- Utilized Figma to draft different design ideas and interfaces.
- Employed Yarn and NPM to install packages and run test environment.

### Planner App | Android studio, Java, Google calendar API

- Created an Android app that can make calendar appointments and can share them between different clients.
- Used Google calendar to save, modify, and request events.

## TECHNICAL SKILLS

**Languages:** : C#, C, C++, Java, SQL, JavaScript, TypeScript, HTML, CSS, Dart, PHP, Python, R

**Frameworks:** React, Flutter, Node.js, Nest.js, Firebase

**Developer Tools:** Git, Docker, Google Cloud Platform, NoSQL, Linux, Postman, Android Studio

**Libraries:** Bootstrap, NumPy, jQuery, Anime.js