

# WASI RAZA

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## EDUCATION

### University of British Columbia

B.A Computer Science Major

Sept 2017 – Aug 2022

### Douglas College

Diploma in Computer Science and Information Systems

Oct 2013 – Aug 2017

## EXPERIENCE

### Java Developer I

ZE PowerGroup

February 2023 – April 2024

Vancouver, BC

- Conducted investigations, code reviews, and implemented solutions on an industrial-scale Oracle and SQL database, managing millions of CRUD operations per minute
- Created and maintained Java application modules to efficiently perform ETL functions of data from diverse sources such as JSON, CSV, HTML, XML, APIs, and emails, processing billions of entries per day
- Developed automated test tools to enhance software quality and reliability, resulting in a 95% increase in testing efficiency
- Participated in client meetings to ensure a clear understanding of client requirements and to align development efforts with client expectations
- Handled off-hour calls on a rotational basis, demonstrating dedication to ensuring system stability and availability round the clock
- Technologies: Java, Spring, SQL, Oracle Database, Microsoft SQL Server, Tortoise SVN, Liquibase, Gradle, Jenkins, Windows Batch Scripting, JIRA, IntelliJ IDEA, Postman, Elasticsearch

### 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-users cryptocurrency transaction 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%
- Technologies: React, JavaScript, TypeScript, Nest.js, jQuery, Linux, HTML, CSS, Dart, PHP, SQL, Oracle Database, Docker, Microsoft SQL Server, Git, JIRA, Visual Studio Code, Postman

### 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
- Technologies: JavaScript, TypeScript, jQuery, HTML, CSS, PHP, SQL, Oracle Database, Microsoft SQL Server, Visual Studio Code, Joomla

## 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.

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

- Utilised Python and GPT-3 to create a chatbot with an adventurous spirit to find Atlantis

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

- A portfolio website built from the ground up to learn new technologies and frameworks

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

- Created an Android app that can make calendar appointments and share them between different clients