

Roynul Rohan

Computer Engineering Student, Software Developer ♦ Ottawa, ON

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SKILLS

Programming	Java • C++ • Python • TypeScript • Object-Oriented Design
Web & DB	HTML5 • CSS3 • JavaScript • MongoDB • PostgreSQL • NoSQL
Frameworks	React • Redux • Spring Boot • Node.js • Express.js • TailwindCSS • Flutter
Tech & Tools	Git • Docker • Ubuntu • Red Hat • AWS EC2 • Azure App Services • VMWare • GraphQL REST • JWT • CI / CD • VSCode • IntelliJ

EDUCATION

Computer Engineering Technology - Computing Science

Sept. 2021 - Present

Algonquin College of Applied Arts and Technology, Ottawa ON

Relevant Coursework: **Java, OOP, PostgreSQL Database, Ubuntu**

EXPERIENCE / PROJECTS

Freelance Software Developer

Dec 2020 - Present

- Communicated with clients to assess their needs and delivered on them
- Developed various web apps using the **MERN** stack
- Developed responsive websites using **HTML, CSS, and JavaScript**
- Bug fixing in Node, **Java** and **Python** apps
- Tutored many high school and college students in basic Java, Python and Web Dev

Stock Trading Web Application ~ Full-Stack

Dec 2021

Personal Project, [Website](#) - [GitHub](#)

- Built a full stack **web application** where users can browse and trade fake stocks
- Used **ReactJS, TypeScript, TailwindCSS, and SASS** for front-end development
- Used **Node.js** and **Express.js** for back-end development
- Used **Apollo GraphQL** for queries & mutations, and used **JWT** for authentication
- Stored data using **MongoDB Atlas** and connected API to DB using **Mongoose**
- Created **Docker** image of app and deployed to **Azure** Cloud, automated process using CI/CD pipelines through GitHub actions

Student Database REST API ~ Back-End

Feb 2022

Personal Project, [GitHub](#)

- Built a **REST API** which handles student information and stores them in a database
- Used **Java, Spring Boot, and Spring JPA** for development
- Used the repository and dependency injection **design patterns**
- Tested **CRUD** API endpoints with Postman
- Hosted **PostgreSQL** database on **AWS EC2** instance running **Red Hat** Enterprise Linux
- Created **Docker** image of app and deployed to **Azure** Cloud

CERTIFICATIONS

JavaScript Data Structures and Algorithms - Nov 2020

freeCodeCamp Online Bootcamp, [Certificate](#)