linkedin.com/in/roynul-rohan
github.com/roynulrohan
roynulrohan.github.io

R O Y N U L   R O H A N

Ottawa, ON, Canada

EMPLOYMENT

Project Advisor, AS-02   **ESDC – Government of Canada**   **Jul. 2022 – Present**
- Started as a Student Developer via FSWEP. Promoted to Project Advisor – Casual in Nov. 2022. Became Term employee in Mar. 2023.
- Part of the Transformation Services team within the Compensation Directorate
- Worked closely with BAs to develop and maintain internal applications for compensation advisors, including various business-related calculators and automation tools
- Technologies used – Svelte, React.js, JavaScript/TypeScript, Git, Azure Cloud App Services

Freelance Software Developer   **Fiverr**   **Dec 2020 – Jan 2022**
- Communicated with clients to assess their needs and delivered upon their expectations
- Developed various web applications using the MERN stack (MongoDB, Express, React, Node)
- Developed various landing pages using HTML, CSS, and JavaScript
- Developed various REST APIs using Express.js or Spring Boot
- Tutored many high school and college students in advanced programming concepts within Java and Python

EDUCATION

Computer Programming Diploma   **Algonquin College**   **Exp. Graduation – Feb. 2025**
- Enrolled in Computer Programming, college diploma
- Relevant Coursework: Java, Object Oriented Programming, PostgreSQL, Ubuntu Linux, PHP, Data Structures

PROJECTS

Pet Connect – Full Stack Mobile App (Dec 2021) GitHub
- Built a cross platform social media app for pets for both iOS and Android using **React Native CLI**
- Implemented **Apollo GraphQL** and **MySQL** for efficient data handling and server communication
- Implemented Tailwind CSS for an intuitive user interface design.
- Utilized **TypeScript** to enhance code reliability, maintainability and scalability.
- Created **Docker** image of application and automated deployment process to **Azure** cloud using GitHub actions
- Integrated **Node.js** and **Express** for robust backend development and **Docker** for containerization.

Stock Trading – Full Stack Web App (Dec 2021) GitHub
- Built a full stack web application where users can browse and trade simulated stocks
- **ReactJS**, **Redux**, **TypeScript**, Tailwind CSS, SASS for front end
- **NodeJS**, **ExpressJS**, **MongoDB** for back end
- Apollo **GraphQL** for queries and mutations of data, JWT for authentication
- Created **Docker** image of application and automated deployment process to **Azure** cloud using GitHub actions

Student Database - REST API (Feb 2022) GitHub
- Built a REST API which handles data of students and stores them in a database
- Developed with **Java**, **Spring Boot**, Spring Security, Spring MVC, Spring JPA
- Used the repository and dependency injection design patterns
- Tested all endpoints using Postman
- Hosted **PostgreSQL** database on **AWS EC2** instance running Red Hat Enterprise Linux
- Created **Docker** image of application and deployed to Azure cloud

LANGUAGES AND TECHNOLOGIES

- Java; C++; Python; TypeScript; HTML; CSS; JavaScript;
- React; React Native; Redux; Spring Boot; Express; Tailwind CSS; Flutter; REST APIs; GraphQL API;
- PostgreSQL; MySQL; MongoDB;
- Git; Docker; Ubuntu; Red Hat; AWS EC2; Azure App Services; CI/CD pipelines; JUnit; Test Driven Development;
- Visual Studio Code; IntelliJ Idea; Xcode; Android Studio;