

CHARAN ROMI

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WORK EXPERIENCE

Trace Theory to Trade - Software Engineer Intern (Colombo 10)

June 2024 – December 2024

- Integrated RESTful APIs with NestJS and optimized data flow using PostgreSQL + Prisma, improving backend efficiency and reducing query time.
- Implemented secure JWT-based authentication and tested APIs with Jest and Postman, ensuring robust access control and reliable functionality.
- Containerized applications using Docker and set up CI/CD pipelines with Azure DevOps, accelerating deployment cycles and minimizing manual errors.
- Managed version control with Git and GitHub, enabling efficient team collaboration and reducing integration issues.
- Collaborated in an Agile-driven environment, contributing to faster release of features and improved team productivity.

SKILLS

Java | Python | JavaScript | React | Node.js | Express.js | NestJS | Spring Boot

PostgreSQL | MongoDB | Firebase | Docker | GitHub | AWS | WordPress

EDUCATION

Open University of Sri Lanka

2021-2025

Bachelor of Software Engineering Honors

- Expected Graduation – December 2025

PROJECTS

Aura Store | [Link](#)

- E-commerce web app that enables users to browse products, cart functionality, and a complaint system with secure JWT-based authentication.
- Built with React.js, Node.js, Express.js, MongoDB, and RESTful APIs.

Stock Mate | [Link](#)

- A stock management system for a clothing store, enabling item addition, and stock management.
- Built using React.js, Spring Boot, RESTful APIs, and MySQL.

Edu Nova | [Link](#)

- A learning management system that enables students to enroll in courses and allows instructors to create and manage them, integrated with an AI chat assistant for providing course recommendations.
- Built using React.js, Node.js, Express.js, MongoDB, RESTful APIs, and OpenAI API

ACHIEVEMENTS

- Contributed to Hacktoberfest 2024 and GSSoC24, SSoC25 GitHub Repositories.

CERTIFICATIONS

- Postman Academy – [Postman API Fundamentals Student Expert](#)
- Coursera – [Build a Full Website with WordPress](#)
- Codecademy – [Learn Spring](#)