



THANUJA PRIYADARSHANE

DevOps - INTERN

About Me

Passionate tech enthusiast and undergraduate with a strong interest in DevOps practices and full-stack development. Eager to leverage my skills and drive to contribute to innovative solutions and collaborate effectively as part of your team



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EDUCATION

University of Ruhuna, Sri Lanka

Bachelor of Computer Science
2021 - Present

Chartered Institute of Marketing

Marketing - Level 4
2023 - Present

ESOFT Metro Campus

Dip. in Information & Com. Technology
2022

PROJECTS

RACRUH

Responsive web site for the Rotaract Club in UOR

Led a team in the development of a web application for the Rotaract club at our university, aimed at engaging their audience. The application, built using Angular for the frontend and basic JavaScript (Node/Express) for the backend, incorporates MongoDB for efficient data management. Despite the project not yet being deployed due to changing club requirements, played a pivotal role in the design, development, and testing phases, ensuring alignment with the club's objectives and user needs

ZOOKEEPER Pro

A Responsive standalone Desktop Application

Collaborated with a team to develop a desktop application as part of a module project assigned by the university course lecturer. The application, currently in development, leverages JavaFX for the user interface, MongoDB for database management, and integrates the Imagga image processing tool for advanced functionalities. Played a key role in the project's design, development, and testing phases, contributing expertise in JavaFX, MongoDB, and image processing technologies.

Personal Payment dashboard

Short handed payment tracker for LECO,NWSDB and SLT

Developed a personal payment dashboard to track monthly dues for LECO, NWSDB, and SLT utilities. Utilized React JS for the frontend interface, ensuring a responsive and user-friendly design. For the backend, implemented with ExpressJS, integrated APIs from LECO and NWSDB to seamlessly fetch and display payment statuses. Implemented JWT authentication for secure login sessions. The project, available on my GitHub account, demonstrates proficiency in full-stack development, API integration, user interface design, and security practices.

PROGRAMMING LANGUAGES

- JavaScript / TypeScript
- Python
- GoLang

FRONTEND DEVELOPMENT

- ReactJS

BACKEND DEVELOPMENT

- ExpressJs
- FastAPI
- GIN

DATABASE MANAGEMENT

- MongoDB
- MySQL

CONTINUOUS INTEGRATION

- Github Actions
- Jenkins

DEPLOYMENT

- Docker
- Kubernetes

CLOUD SERVICES

- AWS
- Firebase

VERSION CONTROL SYSTEM

- Github
- Amazon ECR

Shelzee Clothing

Research based group project for the course module

I developed a fully functional web application for my research, integrating frontend and backend technologies along with JWT authentication to enhance security. The application features a comprehensive admin panel for managing products, users, and admins. I implemented a microservices architecture to ensure scalability and modularity. The application is hosted on a public Firebase server, and I utilized CI/CD pipelines to streamline the development and deployment process.

EXTRA CURRICULAR ACTIVITIES

Project Chairperson

INSURGEX 1.0 - Intra University Hackathon

Served as the Project Chairman for the INSURGEX 1.0 hackathon, organized by the Department of Computer Science, University of Ruhuna. Led the planning, coordination, and execution of the event, which focused on algorithm-based problem-solving skills. Successfully organized the hackathon, held on January 20th, 2024, which garnered participation from students and sponsorship from industry leaders, including WSO2 and Exact Pro, prominent tech companies in Sri Lanka.

Team Leader

Business to Consumer and Customer Experiences
Outgoing Global Talent - AIESEC in Ruhuna

REFERENCES

Akila Jayarathna

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