

Juthmini Gunawardhana

Software Engineering Undergraduate

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Summary

I am a Software Engineering undergraduate and a software developer who is passionate about designing and developing innovative solutions. I am a collaborative team player with proven ability to multitask, delivering high quality results under pressure.

Technical Skills

Web Development

- MERN stack
- Next.js

Mobile Development

- React Native
- Kotlin

Database Management

- MySQL, PostgreSQL
- NoSQL (MongoDB)

Testing Tools

- Selenium
- Postman
- JUnit

DevOps Tools

- Docker
- Kubernetes
- GitHub/Git

Education

Sri Lanka Institute of Information Technology (SLIIT)

BSc (Hons) in Information Technology specializing in Software Engineering

Oct 2022 - Present

Viharamahadevi Balika Vidyalaya- Kiribathgoda

General Certificate of Advanced Level (Bio Science stream)

2020

General Certificate of Ordinary Level

2017

Work Experience

Associate Software Engineer – INORA Sri Lanka

- Full-stack development on real-world projects across the SDLC.

Oct 2024 – Present

Full Stack Developer Intern – INORA Sri Lanka

- Contributed to industry projects using agile development practices.

Mar 2024 – Sep 2024

Trainee – People's Bank, Kiribathgoda

- Hands-on experience in core banking operations and customer service.

Apr 2022 – Oct 2022

Projects

Restaurant Management System

Developed a full-stack Cloud-Native Food Ordering & Delivery System using Microservices using MERN stack

Tools used- VS code, GitHub, Docker, Kubernetes, Postman

Delivery Management System

Led an 8 member team to build a full-stack web app meeting client requirements with real-time data management and API testing via Postman.

Tools used- Visual Studio Code, GitHub, Postman

Mobile App to track and deliver medications

Developed a cross-platform mobile app to track and deliver medications to rural areas in Sri Lanka, focusing on accessible UX for target users. Led a 4-member team through SDLC stages with user testing. Built using React Native (Expo), Node.js/Express.js, and MongoDB, with secure authentication, real-time order tracking, and role based dashboards.

Finance Tracker

Developed a RESTful API for a Personal Finance Tracker using Express.js (Node.js) and MongoDB, enabling users to manage financial records with test cases(unit tests, integration tests)

Tools used- Visual Studio Code, GitHub, Postman

Frontend Application using REST Countries API

Developed an application using React functional components consuming data from the REST Countries API with API integration, application design, and deployment with test cases(unit tests, integration tests)

Tools used: Visual Studio Code, Cypress, GitHub

References

Mr.Nisal Padukka

Associate tech lead

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Dr.Amal Illesinghe

Board Member of Bank of Ceylon,

Secretary of Computer Society of

Sri Lanka.

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