

ARAVINDA NAWARATHNA

SOFTWARE ENGINEER

PROFILE

Software Engineer with 2 years of experience in building scalable web applications using React, Node.js, NestJS, and Spring Boot. Passionate about clean code, agile delivery, and continuous learning. Strong academic foundation with a BSc (Hons) in Information Systems.

PROFESSIONAL EXPERIENCE

Full-stack Engineer , Refcoins, Colombo, Sri Lanka	<i>Oct 2024 – Present</i>
Trainee Software Engineer , Altrium LLC, Colombo, Sri Lanka	<i>Mar 2023 – Aug 2023</i>
Intern Software Engineer , Altrium LLC, Colombo, Sri Lanka	<i>Sep 2022 – Mar 2023</i>

ACADEMIC QUALIFICATIONS

BSc Special (Hons) in Information Systems , (<i>Second class Lower Division</i>)	<i>2019-2024</i>
Sabaragamuwa University Of Sri Lanka	

TECHNICAL EXPERTISE

Languages: TypeScript, JavaScript, Java

Frontend: React.js, Next.js, Tailwind CSS, Ant Design, MaterialUI

Backend: Node.js, Express, NestJS, Spring Boot

Databases: MongoDB, PostgreSQL, MySQL

Cloud Technologies: AWS (EC2, S3, CloudFront, Amplify)

Processes: Agile Software Process and Practices

Tools/others: GIT, Visual Studio, Bitbucket, Postman, Figma, IntelliJ IDEA, GitHub Actions, Jira

PROJECT PROFILE

Multi-Portal Travel Plan Management System – Refcoins (Ongoing)

- A comprehensive travel portal connecting agents and travelers through customizable travel experiences, featuring role-based access control across three portals: Agent, Traveler, and Super Admin. Traveler portal for discovering, purchasing, and requesting customized plans. Travellers can build their own travel plans and request quotations from agents using plan curation feature.
- **Responsibilities:**
 - Participated in full system planning and design discussions with the team.
 - Developed interfaces for several modules of the system.
 - Built reusable modules and custom hooks for consistent data validation and submission logic across portals.
- **Technologies:** Next.js, NestJS, PostgreSQL, Zustand, Zod, AWS

Benefits Management System – Altrium (Enterprise-grade SaaS with AI)

- An AI-powered benefits management system designed to connect brokers, employers, and employees in the US healthcare sector. It automates back-office processes, and provides employee support.
- **Responsibilities:**
 - Played the role of Software Engineer.
 - Feature development and fixing bugs.
 - Contributing to Agile/Scrum meetings.
 - Conducting peer reviews.
- **Technologies:** ReactJS, Spring Boot, Redux Toolkit, Ant Design, MongoDB, Microservices Architecture

Villa Reservation and Guest Loyalty Platform – Refcoins

- A web platform developed to manage villa reservations and incentivize repeat usage through a rewards system. Calendar-based reservation and reward engine that tracks user engagement. Automated SMS alerts for booking confirmations and reminders.
- **Responsibilities:**
 - Participated in system planning and design.
 - Developed key modules for reservation and user management.
 - Integrated Google analytics to track user behavior.
- **Technologies:** NextJS, NestJS, PostgreSQL, Tailwind CSS, Zustand, Google analytics

Forms Builder - Refcoins

- A platform allowing users to create highly customizable forms to gather information, similar to Google Forms, but with enhanced field customization and validation capabilities.
- **Responsibilities:**
 - Played the role of FullStack engineer.
 - Designed and developed the frontend using Next.js and Zustand for state management
 - Built advanced and dynamic field validation logic using Zod
 - Backend with NestJS and PostgreSQL database.
- **Technologies:** Next.js, NestJS, PostgreSQL, Zustand, Zod

REFERENCES

Mr. Damith Ganegoda
Lead Software Engineer,
PlanYear LLC,
San Francisco, USA
+1-672-558-0379
damith@planyear.com

Mr .Dilshan Fernando
Senior Software Engineer
3x AWS Community Builder
Refcoins (pvt) LTD
+94 73 797147
hdilshan.fernando11@gmail.com