

ERANGA HARSHA

PASSIONATE SOFTWARE ENGINEER | IT UNDERGRADUATE

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Github portfolio LinkedIn Eranga999

PROFESSIONAL SUMMARY

IT undergraduate and aspiring Full Stack Developer with internship experience building real-world applications. Contributed to end-to-end projects in collaborative team environments. Passionate about creating efficient, user-focused solutions and continuous learning. Seeking a Junior or Associate Software Engineer role to grow professionally.

INTERNSHIP EXPERIENCE

Full Stack Developer Intern

6-month internship

Zorscode (Pvt) Ltd

- Developed and maintained scalable POS web and mobile applications using React, Next.js, Electron.js, and Dart
- Designed, implemented, and integrated secure RESTful APIs to support real-time POS operations
- Worked with MongoDB and MySQL for efficient data storage, transaction handling, and reporting
- Built cross-platform desktop solutions using Electron.js for POS environments
- Collaborated with team members using Git and GitHub within an Agile/Scrum workflow
- Identified, debugged, and resolved issues to improve system performance, reliability, and user experience

EDUCATION

Bachelor of Information Technology (BIT)

2022 – Present

Sri Lanka Institute of Information Technology (SLIIT)

CGPA: 3.04

General Certificate of Education Advanced Level

St. Joseph's College, Anuradhapura

Commerce Stream

PROJECTS

Flutter POS System - Point of Sale Application

- Developed a mobile-based POS system using Flutter
- Implemented product management, billing, and sales tracking
- Designed a user-friendly interface for fast checkout operations
- Technologies:** Flutter, Dart

Easy Fix - Home Appliance Repair Web Application

- Built a MERN-based platform for booking and managing appliance repairs
- Implemented real-time repair status tracking and payment integration
- Integrated YouTube API for DIY troubleshooting
- Technologies:** React, Node.js, Express.js, MongoDB, Tailwind CSS

Cook Mate - Full Stack Cooking Platform

- Developed a community-driven cooking platform that allows users to share recipes, interact, and explore culinary content.
- Implemented secure OAuth2 authentication, RESTful APIs for data management, and robust backend functionality.
- Designed a responsive and intuitive user interface using Tailwind CSS for seamless user experience across devices.
- Technologies:** React, Vite, Spring Boot, MongoDB

To-Do List Application

- Developed a mobile to-do list application using Kotlin in Android Studio, designed to help users manage their daily tasks effectively with an intuitive interface.
- Implemented features such as task management (add, edit, delete), setting reminders with specific due dates and times, and receiving timely notifications for upcoming tasks.
- Designed with a clean and user-friendly layout to ensure easy navigation and enhanced user experience.
- Technologies:** Kotlin, Android Studio, Android Notifications

TECHNICAL SKILLS

Programming Languages

Java | JavaScript | Python | C | C++ | PHP | HTML | CSS

Frameworks & Technologies

React.js | Node.js | Express.js | Flutter | Spring Boot | ASP.NET MVC | Tailwind CSS

Databases

MongoDB | MySQL | Room Database

Tools & Platforms

Git | GitHub | Postman | Android Studio | IntelliJ IDEA | VS Code | Eclipse

UI/UX Tools

Figma | draw.io

Architecture and Concepts

layered Architecture | MVC Architecture | Token-based authentication (JWT)

CERTIFICATES

Diploma in Information Technology
SLIIT, 2024

AI/ML Engineer – Stage 1,
SLIIT

SOFT SKILLS

Strategic Time Management | Communication | Collaborative Teamwork | Adaptive Learning

INTERESTS

Full stack development | Mobile application development | UI design and development | Web development

LANGUAGES

Sinhala



English



REFERENCES

chathushka navod, Engineering Manager, Zorscode
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Mrs.Geethanjali Wimalarathne, Senior Lecturer - Department of IT, Sri Lanka Institutue of Information Technology
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