SADEEPA HERATH

AI ENTHUSIAST

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SUMMARY

Technology magician passionate about software and web development, proficient in programming languages: Java, JavaScript, etc. and familiar with many frameworks like Spring Boot, Angular, Bootstrap, among others. Known for delivering creative solutions and exceptional user experiences, always eager to learn new technologies and new skills necessary to adapt to any new challenges.

EXPERIENCE

Project Manager - Project WeCare   Oct 2024 - Present
- Lead the development of the medical records and reports microservice to function seamlessly in a four-team microservices architecture.
- Perform management of GitHub repositories and coordinate pull requests to strengthen version control, enhancing collaboration across teams
- Oversee task delegation, code reviews, and service integration to ensure high-quality deliverables and timely project completion.

Team Leader - Probex   May 2024 - Aug 2024
- Led the development of WeCare, a hospital management system streamlining patient records and appointments, winning the Best UI Award for its user-friendly design.
- Managed UI/UX design, documentation, task delegation, and progress tracking, ensuring timely delivery and quality results

PROJECTS

OpenBooks Book Sharing System   Nov 2024 - Present
- A secure book-sharing platform, using Angular for front-end and Spring Boot for back-end services
- Implemented JWT-based authentication and authorization for secure access, with a database to manage users, inventory, and sharing history
- Utilized TypeScript for maintainable code and integrated Swagger OpenAPI for API documentation and usability

Tee-Ceylon JavaFX POS System   Oct 2024
- A JavaFX-based inventory and order management system for a cloth selling business
- Developed user roles with distinct functionalities, allowing admins to manage inventory and cashiers to handle orders and generate bills
- Designed an intuitive JavaFX UI and utilized Java with a relational database for secure and efficient data management

Ceylon-Burgers Web Based POS System   Sep 2024
- A web-based POS system for managing orders, inventory, and customer data
- Designed user roles for admins and cashiers, enabling secure login, order processing, and customer management
- Utilized HTML, CSS, JavaScript, and Bootstrap for a responsive UI, with local storage for order history and inventory tracking

Aero-Cast Weather API
2024

- A weather forecasting web application providing real-time weather updates and location-based forecasts
- Mastered API integration, testing endpoints extensively using Postman, and built a responsive UI with HTML, CSS, and JavaScript
- Enhanced user experience with interactive features and optimized design for accessibility across devices

Chat-Duo-AI Chat Bot
Dec 2024

- A chatbot platform built using Flutter, integrating Gemini AI API for advanced natural language processing and real-time conversations
- Implemented dark mode and light mode toggle features, enhancing user experience with seamless theme switching
- Created an onboarding page to guide users through the app, ensuring smooth navigation and better engagement from the start

TaskMaster To Do List Manage App
Dec 2024

- A task management application built with Electron.js, enabling cross-platform desktop functionality
- Integrated local storage to manage tasks, ensuring data persistence and smooth user experience across sessions
- Gained experience in building desktop applications with Electron.js, focusing on seamless interaction between the front-end (using HTML, CSS, and JavaScript) and back-end logic

Defence-System Academic Project
2024

- A System build using Java swing to learn core Java concepts with OOP

Curry-leaf Academic Project
2024

- A flutter project to learn more on flutter UI with state management

SKILLS

Effective Communication	Team Collaboration	Problem-Solving
Technical Adaptability	LeaderShip	Time Management
Time Management	GIT	Attention to Detail

EDUCATION

Bachelor of Science in Artificial Intelligence (Pending Intake)
2024
University of Moratuwa

ICD Program - 110 Batch
2024
iCET Institute
- Full-Stack Development

Advanced Levels
2015-2023
Maliyadeva College, Kurunegala
- 3A | Combined Maths, Physics, ICT | Z-Score: 2.1919

ADDITIONAL INFORMATION

- **Languages:** English, Tamil, Sinhala.
- **Certifications:** Deploy Apps on Azure App Service , Fundamental AI Concepts
- **Extracurricular Activities:** Scrabble, Past Member of School UNESCO Club