



## Meet Me

Full-Stack Developer with 1+ years of experience building scalable web applications using React, Node.js, and REST APIs, with exposure to Microsoft Power Platform and Azure cloud services. Skilled in designing cloud-native solutions, implementing CI/CD pipelines, and developing reusable, maintainable components in Agile environments. Passionate about combining low-code and pro-code approaches to deliver efficient, intelligent business applications.

## Education

### Bachelor's of Information Technology (BIT)

UG - University of Moratuwa **Reading on**

### ICET Certified Developer ICD

ICET Institute **2024 - 2025**

### Certificate In Computer Science

NIBM **2023**

### Advanced Level & Ordinary level

St. Anne's College Kurunegala **2009 - 2022**  
Deputy Head Prefect  
(2021-2022)

## Skills

TEAMWORKING(AGILE)  
DESIGNING (UI/UX)  
PROBLEM SOLVING  
COMMUNICATION  
DOCUMENTATION  
A QUICK LEARNER

# Maleesha Jayamanne

## Full-Stack Developer

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[LinkedIn](#)



[Medium](#)



[Github](#)

## Work Experience

### Associate Software Engineer - ESupport (Pvt)Ltd

**2025 Sep - 2026 Jan**

- Spearheaded intern mentorship and technical alignment, improving development quality and accelerating feature delivery across sprints.
- Engineered scalable RESTful architectures and optimized database performance to support growing user demand.
- Oversaw end-to-end SDLC processes, driving stable deployments and reducing post-release defects.
- Converted business requirements into production-ready features through Agile collaboration and iterative refinement.
- Strengthened application security and maintainability through structured Git workflows and secure coding standards.

### Trainee Software Engineer - SYIGEN (Pvt)Ltd

**2024 Dec - 2025 July**

- Gain hands-on experience in Next.js, React, AI Agent and Python by developing workflow-based backend systems and API integrations, mastering core Designs(MVC, Layered), and working with modern frameworks.
- Participated in code reviews, debugging, and testing to identify and resolve issues, ensuring the delivery of high-quality software solutions.
- Worked effectively in Agile environments, contributing to sprint planning, daily stand-ups, and retrospectives to ensure timely and collaborative feature delivery.
- Assisted in designing and developing backend workflows and RESTful APIs using Spring Boot and Python, ensuring system integration and performance optimization.

## Projects

### RAG - ChatBot - [githublink]

**On going**

Developed an AI-powered support platform to improve communication between external degree students and university academics. Built an Agentic RAG chatbot using LangChain, ChromaDB, and Groq to summarize research papers, explain academic content, and provide context-aware answers. Powered by semantic search, vector embeddings, and a FastAPI backend, the system strengthens academic support and streamlines student of university communication.

### System Design

# Tools

- FIGMA
- POSTMAN
- GIT(VERSION CONTROLLING)
- WEBSTORM
- INTELLIJ
- PYCHARM
- ANDROID STUDIO
- VSCODE

# Tech Stack

- REACT
- NEXTJS
- FAST API
- AWS
- PHP/LARAVEL
- FLUTTER
- HTML5/CSS/JS/TS
- MYSQL/POSTGRESSQL
- JAVA/SPRINGBOOT
- PYTHON
- ANGULAR
- SPRINGBOOT
- ELECTRON JS

## Hospital Management System [[Backend](#)] [[Frontend](#)] - Group Project

**Completed successfully**

Developed the medical records and reporting microservice in a microservices-based hospital management system using a layered architecture, implementing end-to-end record filtering and search functionality with Angular, Spring Boot, MySQL, and GitHub.

## SAFE APP – Flutter Mobile App for Elephant Conservation - [[githublink](#)]

**Ongoing - Open source**

Contributed to UI and overall project design, quality assurance, and debugging of this open-source Flutter app promoting elephant conservation and community safety, collaborated on real-time tracking, safety reporting, and community forums, integrating Supabase and Google Maps to enhance functionality and user experience.

## Personalized Healthcare AI Agent - [[githublink](#)]

**Completed successfully**

Developed a full-stack AI-driven healthcare application that delivers personalized health recommendations via large language models, supporting both voice (text-to-speech) and text outputs. Built a responsive Next.js/React frontend and a FastAPI backend (Groq LLM) to handle patient data analysis, risk assessment, and interactive action plans.

**Research on AI-driven personalized healthcare.**

**Post**

## Real Estate Property Search Engine - [[githublink](#)]

**On-going**

Developed the backend for a Real Estate Property Search Engine using Spring Boot, PostgreSQL and Elasticsearch, implementing workflow-based business logic and secure RESTful API integrations. to implement advanced property search, filtering, and geospatial queries with real-time suggestions and nearby property detection through optimized RESTful APIs.

# References

### Mr.Dewmal Hadapangoda

**Software Architect & AI Specialist**  
**Syigen (Pvt)Ltd**

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### Dr.Niroth Samarawickrama

**BSc in Applied Science,**  
**University of Rajarata.**  
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