

KITHUNI PERERA

Full Stack AI Engineer

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Phone No: 0705336939

Colombo, Sri Lanka

SLIIT

Portfolio: kithuni.dev | LinkedIn: linkedin.com/in/kithuni-perera-300513239 | GitHub: github.com/Kithuni-perera

PROFILE

Skilled to deliver end-to-end solutions from business requirements to intelligent systems. Able to combine business analysis, software architecture, data science, and AI agent design to build scalable, data-driven products, with specialized knowledge in AI and Data Science and proven expertise translating complex business problems into AI-powered systems that drive measurable impact. Eager to learn, grow, and work with a team.

AWARDS & RECOGNITION

• Mini Pitch Challenge — Most Innovative Product

Lead Spring 2025 · SLIIT IEEE Student Branch

• ISE Project Showcase — 1st Runner-Up

Salon Management System · SLIIT, May 2026

PROJECTS

Salon Management System

SLIIT · 2026

Full-Stack Web Application | Java · Spring Boot | Award Winner

- AI-driven facial feature analysis recommends the best hairstyles and salon services for each customer.
- Streamlines booking, staff management, and client records for modern salons.
- Built with Java Spring Boot backend; judged on real-world impact, technical execution, and UI design.
- **Received 1st Runner-Up at SLIIT's ISE Project Showcase 2026.**

Technologies: Java, Spring Boot, MS SQL

Multi-Agent Travel Planner

Google ADK

Agentic AI System | Python · Google ADK | Multi-Agent Architecture

- 4 specialized AI agents collaborate — covering itineraries, hotel picks, transport, and budget estimation.
- Demonstrates that orchestrated multi-agent AI outperforms single models on complex reasoning tasks.
- Saves users time and reduces planning stress through personalized, end-to-end travel guidance.

Technologies: Python, Google ADK, Multi-Agent AI

Hospital Management System

Enterprise

Production-Grade Full-Stack System | Java · Spring Boot · MS SQL

- Production-grade platform handling real hospital workflows at scale — patient records, appointments, and schedules.
- JWT authentication, admin panel, and RESTful APIs designed for third-party integration.
- Replaced manual systems to eliminate delays and reduce human error across hospital operations.

Technologies: Java, Spring Boot, MS SQL, REST API, JWT Auth

EDUCATION

B.Sc. (Hons) Information Technology

2023 — Present

Information Systems Engineering · Sri Lanka Institute of Information Technology (SLIIT)

Advanced Diploma in Information Technology

2022 — 2024

AIMS College

G.C.E. Advanced Level (A/L)

2023

Our Lady of Victories Convent, Moratuwa

G.C.E. Ordinary Level (O/L)

2020

Our Lady of Victories Convent, Moratuwa

CERTIFICATIONS

AI/ML Specialized

- AI/ML Engineer — Stage 1 and Stage 2 2026
Centre for Open & Distance Learning (CODL)
- Data Science Professional Certificate by KNIME 2026
KNIME · Skills: Artificial Intelligence, AI Agents
- Google AI Professional Certificate 2026
Google
- Build Your Own AI Chatbot with Azure AI Foundry 2025
Microsoft Learn Student Ambassadors · TechXplore Edition 2.0
- IBM Data Science Professional Certificate (Ongoing) 2026

Programming

- Node.js Basics 2026
Open Source / Simply Learn
- Python for Beginners 2023
Centre for Open & Distance Learning (CODL)

Data & Analytics

- Data Analytics Job Simulation 2026
Quantium · Virtual Experience Program
- Technology Job Simulation 2025
Deloitte · Job Simulation Program

Cloud & Infrastructure

- Docker Foundations Professional Certificate 2026
Docker
- Solutions Architecture Job Simulation 2025
AWS Forge · Job Simulation Program

Project Management

- Atlassian Agile Project Management Professional Certificate 2026
Coursera / Atlassian · Skills: Jira, Project Management
- Solutions Architecture Job Simulation 2025
AWS Forge · Job Simulation Program

SKILLS & TECHNOLOGIES

- Google Skill Profile: skills.google/public_profiles/64b7e0eb-62f8-49c3-b582-9536b11708eb
- **Programming Languages:** Python, Java
- **Frameworks & Tools:** Spring Boot, Google ADK, REST APIs, JWT Authentication, MS SQL Server
- **AI & Data:** Multi-Agent AI Systems, Machine Learning, Generative AI, Data Analytics, Neural Networks, MLOps
- **Cloud & Platforms:** AWS, Microsoft Azure, Google Cloud

REFERENCES



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