PAMINDU RASHMITHA

AI ENGINEER (UNDERGRADUATE)

179/39 Colombo road., Avissawella | pamidurashmitha@gmail.com | https://pamindu-rashmitha.vercel.app/

Driven AI Engineering Undergraduate at SLIIT with a deep fascination for transforming raw data into intelligent, actionable insights through machine learning. I specialize in crafting robust, high-performance software and intelligent systems using modern tech stacks, fueled by persistent learning and hands-on experimentation.

TECHNICAL SKILLS

- **AI/ML:** Pandas, PyTorch, TensorFlow, LangChain, NumPy, Scikit-learn, Matplotlib, Seaborn.
- **Languages:** Python, Java, JavaScript, TypeScript.
- **Backend & Web:** Spring Boot, React, Java Script, HTML, CSS.
- **Databases:** MySQL, PostgreSQL.
- **Mobile:** React Native, Expo.
- **Other:** SAP, Logistics Operations, Inventory Management.

KEY ACHIEVEMENTS

- **Dean's List:** Recognized for academic excellence in Year 1 Semester 2 (GPA 3.77) and Year 2 Semester 1 (GPA 3.85).
- **AI Certification:** Earned multiple certifications including AI/ML Engineer (Stage 1 & 2) from SLIIT and Intro to Machine Learning from Kaggle.

TECHNICAL PROJECTS

Pamiya-GPT | AI Assistant

- Developed a sophisticated AI agent using Google's Gemini 2.5 Flash and LangChain capable of real-time web search, data analysis, and document reading.
- Integrated specialized tools allowing the agent to intelligently decide between browsing the internet or analyzing PDFs/spreadsheets.

Heart-Disease Predictor | Machine Learning

- Built a web application using Python and Scikit-learn to predict heart disease likelihood based on medical attributes.
- Implemented multiple models including Logistic Regression, Decision Trees, and Random Forest for comparative analysis.

Vehicle Reservation System | Spring Boot & Web

- Designed an enterprise-grade rental system featuring Stripe API for secure payments and Spring

Security for role-based access control.
- Built a comprehensive administrative dashboard for fleet management and revenue analytics.

PROFESSIONAL EXPERIENCE

Dispatch Officer | John Keells Logistics *Apr 2024 – Jul 2024*

- Coordinated daily dispatch operations to ensure timely delivery of goods.
- Utilized SAP systems for efficient inventory management and order processing.
- Optimized logistics workflows, directly improving delivery efficiency.

EDUCATION

BSc (Hons) in Information Technology, Specializing in AI

- **SLIT** | *2024 – Present*
- Focusing on Automation, Deep Learning, and Neural Networks.

Advanced Level (Physical Science)

- **Mahinda Rajapakse College, Homagama** | *2021 – 2023*
- Focus on Combined Mathematics, Physics, and IT.

ADDITIONAL INFORMATION

- **Certifications:** Python for Beginners (University of Moratuwa), Intro to Machine Learning (Kaggle), AI/ML Engineer Stage 1 & 2 (SLIIT).
- **Languages:** English (Professional), Sinhala (Native).