

# MNM.MINHAJ

Batticaloa, Sri Lanka | minhajse2023@gmail.com | +94 77 611 3167 | [Linkedin](#) | [Github](#)

## PROFILE SUMMARY

---

AI-focused Full-Stack Developer with strong foundations in Generative AI, Large Language Models (LLMs), and agentic AI systems. Experienced in building production-grade web applications with integrated AI features such as recommendation engines, trip planners, and content automation. Skilled in prompt engineering, model evaluation, and autonomous agent workflows. Passionate about experimenting with emerging AI tools and collaborating across teams to deliver innovative, real-world AI solutions.

## EDUCATION

---

### Bachelor of Science (Hons) in Information Technology

Sri Lanka Institute of Information Technology (SLIIT)  
Specialization: Software Engineering

| 2023 – 2025

## TECHNICAL SKILLS

---

### Core AI/ML Expertise

- Generative AI & LLMs: OpenAI API, LangChain, prompt engineering, agent behavior tuning
- AI Tools & Frameworks: Python (NumPy, Pandas, Scikit-learn), TensorFlow basics
- Data Handling: Feature engineering, dataset cleaning, labeling, SQL querying
- Agentic AI: Multi-agent workflows, autonomous decision-making, structured knowledge bases

### Web Development

- Frontend: React (Hooks, State Management), Next.js (App Router, Server Components)
- Backend: Node.js, Express, MongoDB
- Deployment & Tools: Vercel, Git/GitHub, Cloudinary, Stripe, Clerk
- Styling: Tailwind CSS, CSS Modules, Bootstrap

### Currently Exploring

- RAG Systems: Vector databases (Pinecone, Chroma)
- Advanced LangChain workflows
- LLM performance tuning & experimentation

### Additional Skills

- Data Structures & Algorithms (DSA), Java, PHP
- Strong analytical mindset, fast learner, effective communicator

## PROJECT EXPERIENCE

---

### AI Trip Planner | Next.js + OpenAI API

- Built AI-powered travel itinerary generator with 70% time reduction in planning.
- Implemented real-time AI responses using streaming API endpoints.
- Tech: Next.js 14, OpenAI GPT-4, Google Maps API, Vercel

### Quick Blog | MERN Stack + AI

- Developed AI content automation platform reducing content creation time by 80%.
- Applied NLP techniques for text generation and summarization.
- Tech: React, Node.js, MongoDB, OpenAI API

### ReTech Exchange | MERN Stack (Team Project)

- Campus marketplace with real-time chat and secure transactions.
- Optimized queries improving performance by 40%.
- Tech: MERN, Socket.io, JWT, Cloudinary

## QuickShow – Theatre Booking Platform | MERN + Modern Stack

- Complete booking system with Stripe payments & event-driven workflows.
- Integrated Clerk auth, IMDb API, Cloudinary, Inngest.
- Tech: MERN, Stripe, Clerk, Vercel

## HONORS & AWARDS

---

### AI/ML Stage 1

SLIIT | Nov 2025

- Mastered foundational ML algorithms
- Built and evaluated models using TensorFlow

### AI/ML Stage 2

SLIIT | Jan 2026

- Advanced knowledge in **supervised learning algorithms** for classification & prediction using labeled datasets.
- Applied **Python, TensorFlow, LangChain** to build real-world ML solutions.
- Achieved global certification with a practical, hands-on approach.

### AI Engineering 101 – Building an AI Agent Generating Financial News

Finxter Academy | Apr 2025

- Developed AI agents for automated financial news generation
- Applied NLP techniques to financial text analysis

### Microsoft Learn Machine Learning Path

Microsoft | Jun-Aug 2025

- Automated Machine Learning for classification models
- Core ML concepts and practical implementation

### .NET Backend Development Workshop

MS Club SLIIT & Ascentic | Sep 2025

- Industry-led training in C# and .NET framework
- Hands-on experience in scalable backend architecture

Hands-on experience in scalable backend architecture

Credentials: Show credential  (2 certifications)