

Avishka Gihan

Associate Full Stack Engineer (AI First)

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PROFILE

Full Stack Engineer with 1.5+ years of experience building scalable web applications and AI-driven solutions. Proficient in React, Next.js, Python, and FastAPI. Hands-on expertise integrating LLMs, RAG pipelines, and multi-agent systems into production-grade products. Skilled in designing RESTful APIs, managing databases, and delivering clean, tested code within Agile remote teams.

SKILLS

Frontend

React, Next.js, TypeScript, Tailwind CSS, React Native

Databases & DevOps

PostgreSQL, MongoDB, Redis, Firestore, Docker, GitHub Actions

Backend & AI

Python, FastAPI, LangChain, LangGraph, OpenAI API, Google Gemini, Groq, ChromaDB, Pinecone, REST API design

Tools & Methods

Git, Prisma, Vite, Agile/Scrum, Remote Collaboration

PROFESSIONAL EXPERIENCE

01/2025 – 12/2025
Maharagama

Full Stack Developer
Novalink Innovations 🔗

- Modernized legacy ERP to MERN stack, building React/Next.js UIs and RESTful APIs, improving usability and adoption.
- Collaborated in Agile distributed teams to ensure high code quality and timely delivery.

07/2024 – 12/2025
Ambalangoda

Software Engineer Intern
Donext Private Limited 🔗

- Developed a full-stack Learning Management System with Next.js, Tailwind CSS, Prisma, and shadcn/ui.
- Designed backend APIs, data models, and secure authentication flows.

PROJECTS

Mentor – SaaS School Management Platform

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Next.js, TypeScript, PostgreSQL, Prisma, Clerk, Recharts, Docker

Multi-role ERP for schools with Clerk RBAC, interactive analytics, and complex scheduling. Built with Next.js App Router and PostgreSQL, demonstrating scalable React frontend architecture and secure API design.

DocuMind AI – Secure RAG Document Chat

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Python, FastAPI, LangChain, ChromaDB, Groq API, SQLAlchemy, Flutter

Privacy-first RAG platform enabling PDF chat with dynamic multi-tenant vector isolation, local embeddings, and streaming LLM responses. Showcases Python backend engineering and advanced AI integration.

EDUCATION

05/2021 – 12/2025
Homagama, Sri Lanka

BSc (Hons) Software Engineering
NSBM Green University