

Geethika Sewwandi *Full-Stack Engineer (AI-Enabled Web Apps)*

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PROFILE

Full-Stack Engineer with 4+ years of hands-on experience building scalable and AI-enabled web applications using **React**, **Angular**, **Next.js**, **Node.js**, and **Python**. Proven ability to integrate **OpenAI APIs**, **LangChain**, and cloud technologies (**Azure**, **AWS**, **Firebase**) to deliver production-grade solutions. Experienced across multiple projects from startups to enterprise clients.

EDUCATION

Eastern University, Sri Lanka, *BSc Computer Science* 2019 – 2023 | Eastern University, Sri Lanka
GPA - 4.0 (First Class Honours)

SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, Dart, Java, PHP

Frontend: React, Angular, Next.js, Tailwind, Material UI, Bootstrap

Backend: Node.js, Express.js, Flask, Prisma ORM, Spring Boot

Databases: MongoDB, MySQL, Neon, DynamoDB

AI / ML: OpenAI API, LangChain, NLP, TensorFlow, Computer Vision

Cloud & DevOps: Azure Functions, AWS (Lambda, EC2, S3), Docker, CI/CD, Firebase

Testing & Tools: JUnit, SonarQube, Git, Bitbucket, CircleCI

Soft Skills: Problem Solving, Collaboration, Adaptability, Critical Thinking

WORK EXPERIENCE

Senior Software Engineer 2025 | Efutures

- Built and maintained Node.js backend services on AWS, working with SQL databases, REST APIs, and cloud integrations for the award-winning project “Sinque”.
- Ensured scalability, reliability, and performance while collaborating with cross-functional teams.

Software Engineer 2023 | DDI LABS PTY LTD, Australia

- Developed and maintained multi-tenant apps using **Angular**, **React**, and **TypeScript**, improving client UX and performance.
- Integrated **Azure Functions** and REST APIs for event processing and automation, reducing backend latency by 35%.
- Delivered **AI-enabled vehicle event system** (Flutter + Firebase) cutting manual inspection time by 40%.
- Built **real-time dashboards** with **React + Node.js + Azure EventHub** for telemetry monitoring.
- Implemented **Stripe & PayDock** payment integrations for enterprise clients (*Gamuda, Baiada*).
- Integrated **OpenAI** and **LangChain** modules for conversational intelligence.

- Managed deployments with **Docker + Azure DevOps CI/CD**, maintaining >99 % uptime.

Associate Software Engineer

2023 | Gazeru (Pvt) Ltd, Sri Lanka

- Built **Ashogu**, a multi-assistant AI web platform (Angular + Flask + Python + OpenAI + MongoDB).
- Implemented **LangChain-based** automation improving chatbot accuracy by 25 %.
- Deployed scalable microservices on **AWS Elastic Beanstalk** with automated CI/CD.
- Collaborated with global teams delivering AI features for UK and Sri Lanka clients

Software Engineering Intern

2023 | Grubtech, UAE

- Created **Kafka-based monitoring dashboard** (React + Redux) reducing issue detection time by 50 %.
- Automated deployments via **CircleCI** and containerized **Spring Boot** services with **Docker**.
- Worked on APIs using **AWS Lambda, DynamoDB, and S3** for production reliability.
- Enhanced microservice testing and quality with **JUnit & SonarQube**.

Freelance Full-Stack & AI Developer

2021 | Upwork / Personal Projects

- Designed custom **AI chatbots** using **Python, LangChain, and OpenAI APIs** for automation.
- Built full-stack apps with **Next.js + Prisma + Neon + Node.js + MongoDB**.
- Created dashboards and automation tools integrated with **AWS and Firebase**.

CERTIFICATES

Flutter [🔗](#) , Spring Boot [🔗](#) , AWS - beginner Course [🔗](#) , Linux Administration [🔗](#) , Docker [🔗](#)

LANGUAGES

- English
- Sinhala

SELECTED PROJECTS (PERSONAL)

ChatMate — AI Chat Assistant [🔗](#)

Built an AI-powered conversational assistant using **Next.js, OpenAI, and LangChain** with **NextAuth** authentication and **Prisma + Neon** backend. Enabled contextual, multi-turn conversations and reduced API latency by 25%.

Smart Habit Tracker [🔗](#)

Created a productivity web app with **Next.js, Prisma, and NextAuth** for user tracking and analytics. Designed a responsive **Tailwind CSS** UI and stored data in **Neon**, improving user retention and usability.

YouTube PDF Summarizer

Developed a cross-stack app using **Django** and **React.js** to summarize YouTube transcripts and PDFs via **OpenAI API**. Automated content generation, saving users 70% of time spent on manual note-taking

DevPulse — Developer Analytics Platform [🔗](#)

Built a developer productivity dashboard using **React.js, Firebase Auth, and GitHub OAuth** to fetch PRs and repo data. Integrated **AI PR review generation** with **OpenAI API**, automating 60% of manual review work.