Geethika Sewwandi

Software Engineer & AI Developer

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🪪 PROFILE

Full Stack Software Engineer & AI Developer with expertise in cross-platform development, AI/ML integrations, cloud deployments, and test automation. Skilled in building scalable, reliable IT solutions and delivering consulting-style projects across Australia, Sri Lanka, the United Kingdom, and the UAE. Strong background in cloud platforms (AWS, Azure), payment systems, Python-based AI/ML development, and automation, with proven experience in unit testing and quality assurance.

💼 WORK EXPERIENCE

2023 — present
Sydney, New South Wales, Australia

Software Engineer
DDI LABS ↗
Flutter, Angular, React, Azure, Azure devops, Firebase

- Worked on numerous projects at DDI Labs including Smash Repair, Gamuda, Baiada, Corsight, and SelectHire Automation, delivering AI-driven, cloud-based, and automation solutions across mobile and web platforms.
- Built Smash Repair (Flutter/Firebase) for automated vehicle damage detection, reducing manual inspection time by 40%.
- Enhanced enterprise platforms (Gamuda & Baiada) with payment gateway integrations and feature upgrades.
- Contributed to Corsight (facial recognition system) with AI-driven features using Flutter

2023 — present
Colombo, Sri Lanka

Associate Software Engineer & AI Developer
Gazeru(Pvt) Ltd ↗
OpenAI, LLMs, Langchain, Vector Database, Python, Angular, prompt engineering, AWS

- Developed Ashogu, an AI-based application using Angular, Flask API, Python, OpenAI, and MongoDB. The app allows users to create, chat, and access various AI functionalities, including personalized assistant services.
- Deployed backend applications using AWS Elastic Beanstalk (EBS) and expanded expertise in AWS services for scalable deployment.
- Collaborated on implementing complex features and ensuring the seamless integration of AI technologies within the application.

2023 — 09/2023
Dubai, United Arab Emirates

Software Engineering Internship
Grubtech ↗
Docker, Spring Boot, CircleCI, SonarQube, JUnit, Mockito, React, Redux, Kafka, AWS EC2, AWS Lambda, Amazon S3, Amazon DynamoDB, Flutter,Git

- Dockerized Spring Boot applications for faster deployments via CircleCI pipelines. **(serverless microservices)**
- Developed a Kafka real-time monitoring dashboard (React/Redux).
- Conducted backend API testing to ensure high availabmessage queues.

2023 — present

AI Chatbot Developer
Upwork
- Designed and deployed custom AI chatbot solutions using Python (Flask, LangChain, Hugging Face, OpenAI APIs).

🎓 EDUCATION

2019 − 2023 Eastern University, Sri Lanka	**BSc Computer Science** Eastern University, Sri Lanka **GPA - 4.0** (First class)

🧠 SKILLS

Programming Languages
Java , C/C++ , Python, PHP

Cloud Computing
Amazon Web Services (AWS)
- EC2, Lambda, S3, API Gateway, IAM
- Microservices Architecture, Serverless Computing, Docker, CircleCI

Azure
- Function apps, azure devops

Code Quality Analysis
SonarQube

Mobile Development
Flutter

AI and Machine Learning Expertise
- **Generative AI Tools:** OpenAI APIs (GPT models, ChatGPT, etc.), Hugging Face.
- **Speech Technologies:** Text-to-Speech (TTS), Speech-to-Text (STT), real-time voice integration.
- **Document Analysis:**
- **Voice AI Tools**
- **Image generation Tools**

Version Control
Bitbucket, Git

Testing
Junit, Mockito

Web Development
HTML, CSS, JS,

Frameworks and Libraries:
Angular, React, Redux, Flutter/Dart
Node.js, Express.js, Spring Boot, Bootstrap, Material-UI, Semantic UI

CI/CD
CircleCI

Database Management
NoSQL, MySQL, MongoDB

Other tools
Docker, Firebase

🌐 LANGUAGES

English   Sinhala

📁 SELECTED PROJECTS

2022	**Student Management System** Java, Springboot, Hibernate, Maven, HTML5, Bootstrap, Thymeleaf, MySQL, JPA/Hibernate, Springboot Test
2022	**Corona Virus Tracking Application** ⬈ Spring boot, Angular, Hibernate, JPA
2023	**Ashogu (AI Assistant Platform) – United Kingdom** Angular, Flask, OpenAI, MongoDB Built a multi-language AI assistant supporting LLM workflows with LangChain
2024	**Automated Hiring & Interviewing Platform (personal)** Angular, Python, OpenAI
2024	**Parkease (Payment Gateway Intergration) - Australia** — React, Node.js, Stripe Independently implemented a complete Stripe payment gateway. Delivered secure and seamless payment flows

📇 CERTIFICATES

- Flutter ⬈
- Cloud Core- IBM ⬈

- Spring Boot ⬈
- Linux Administration ⬈

- AWS - beginner Course ⬈
- Docker ⬈