Aswin H

Portfolio | aswincseskct@gmail.com | GitHub | LinkedIn

Summary

Full-stack developer with a strong foundation in multi-platform mobile and web development. Experienced in AI integration, cloud services, and building scalable applications. Passionate about creating impactful solutions using React Native, Next.js, Spring Boot, and Generative AI.

Skills & Technologies

Languages: Java, C++, JavaScript, Python, Kotlin, Swift, Dart, TypeScript, SQL, C, Shell
Frontend: React.js, Next.js, Tailwind CSS, React Native, Android, iOS, Flutter
Backend: Node.js, Express.js, Spring Boot, Django, Flask, FastAPI, REST APIs, GraphQL
Databases: PostgreSQL, MySQL, MongoDB, Firebase
DevOps & Tools: AWS, Google Cloud, Docker, Kubernetes, Git, CI/CD, Swagger, Jest, JUnit, AOP
AI/ML: Gemini AI, LangChain, LLMs, OpenCV, OCR, TensorFlow, PyTorch, NLP
DSA: Strong in problem-solving, trees, graphs, dynamic programming. Active on LeetCode & Codeforces.

Experience

Freelance Software Developer   Remote   2024 - Present
- Developed portfolio websites and scalable web/mobile apps for clients.
- Built AI chatbots using LangChain and Gemini for personalized user interaction.
- Created microservices and REST APIs using Spring Boot, Node.js, and Python.
- Designed cloud-integrated systems using AWS, Google Cloud, and Docker.

Projects

EzMark | Github
Tech Stack: React Native, Firebase, Biometric Auth
AI-powered attendance manager with biometric verification and multi-factor authentication.

Writezy | Github
Tech Stack: React Native, Gemini AI
A mobile AI writing assistant that generates, edits, and refines user content.

OCRGenie | Github
Tech Stack: React, Python, OCR
Extracts and digitizes handwritten text from uploaded images.

AI Chatbot for Portfolio
Tech Stack: LangChain, Gemini AI, React
Smart assistant on personal portfolio site that answers questions about the developer.

Education

B.E. Computer Science and Engineering   2023 - 2027
Sri Krishna College of Technology, Coimbatore
CGPA: 8.54/10

Certifications & Achievements

- AWS Certified Developer – Associate (2025)
- Google Cloud Certified Associate (2025)
- Finalist – Sustainable Urban Planning with GIS & AI (AWS Hackathon)
- Top Performer – AI-powered Resume Screening Project
- Active LeetCode/Codeforces Competitive Programmer