Mohamed Shahal

Forward Deployed Engineer in AI Systems and Product Engineering

WhatsApp +91 98959 96418 | https://shahal.tech
LinkedIn https://www.linkedin.com/in/mohamed-shahal-11432027b/ | GitHub https://github.com/mohamed-shahal

PROFESSIONAL SUMMARY

Software engineer focused on AI systems and product engineering. I build practical applications by integrating AI, APIs, and cloud services, and work across the product lifecycle from requirements through deployment. Current interests include large language models, retrieval-augmented generation, AI agents, and the Model Context Protocol (MCP).

TECHNICAL SKILLS

AI systems: LLMs, retrieval-augmented generation (RAG), AI agents, MCP
Software engineering: TypeScript, Python, full-stack development, system design, systems integration, APIs
Cloud and systems: Cloudflare, cloud infrastructure, distributed systems
Product engineering: Product development, document engineering, creative technology

SELECTED PROJECTS

DocLang | AI-native TypeScript document library
- Builds structured Word documents with semantic components and DOCX export, simplifying document structure and layout for developers.
- Focus: document engineering, developer tooling, and structured content generation. Repository: https://github.com/mohamed-shahal/DocLang

CartFlare | Open-source commerce platform concept
- Defines a configurable, Cloudflare-first architecture for physical, digital, and application-based products, with provider-independent integrations.
- Early stage: repository documents the foundation and planned architecture; commerce functionality is not yet implemented. Repository: https://github.com/CartFlare/CartFlare

EDUCATION

B.Tech in Computer Science | Currently pursuing
Model Engineering College, Kochi

HACKATHONS AND EVENTS

- OpenAI DevDay Exchange, Kochi | October 11, 2026
- Devin Hacks, Kochi | October 25, 2026
- OpenAI Codex Community Meet, Kochi