Syed Abdullah Ahmed

Forward Deployed Engineer | AI Product Engineer

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SUMMARY

AI Product & Forward Deployed Engineer with experience building products from early requirements through development and deployment. I work closely with business needs, use AI-assisted development to move quickly, and handle the engineering around AI features, integrations, automation, and full-stack applications. I'm strongest when a team has a product to build but needs someone who can figure out the technical path and get it working.

PROFESSIONAL EXPERIENCE

SHARKS AUTOMATION LAB 03/2025 – 05/2026

AI Engineer / Forward Deployed Engineer Karachi, Pakistan

- Built AI-powered products and automation systems from business requirements through deployment.
- Developed LLM applications, AI agents, RAG workflows, and tool/API integrations.
- Connected AI systems with databases, external APIs, tools, and operational workflows.
- Worked across requirements, solution design, AI-assisted implementation, debugging, deployment, and iteration.
- Used AI-assisted development to rapidly prototype and ship production software while owning technical implementation and integrations.

DOTCLICK 03/2023 – 08/2024

3D Web Developer / Frontend Engineer Karachi, Pakistan

- Built interactive web applications using Three.js, React Three Fiber, WebGL, and Next.js.
- Developed full-stack features, API integrations, and responsive customer-facing experiences.
- Worked on performance optimization and production web applications.
- Collaborated on interactive product experiences from development through delivery.

NIXAMM 02/2021 – 03/2022

Junior Website Developer Karachi, Pakistan

- Built responsive websites and frontend features based on client requirements.
- Implemented third-party integrations, debugging, updates, and cross-browser improvements.
- Maintained and improved existing website functionality based on project requirements.
- Worked with the team to deliver and iterate client websites through completion.

PROJECTS

COMMUCIRCLE

Mobility / Ride-Sharing Platform

- *Next.js · TypeScript · MapLibre · OSRM · PostgreSQL/PostGIS*Built
- route creation, stops, mapping, and ride-sharing workflows across frontend, backend, APIs, geospatial data, and database architecture.

TALENTGROW AI

AI-Powered Career / Talent Platform

- *Next.js · TypeScript · AI APIs · PostgreSQL*
- Built AI-powered career/talent workflows across product design, AI integration, frontend, backend, database, and deployment.

INTELLIVERSES

Book To Youtube Automation Platform

- Next.js · FastAPI · PostgreSQL · Redis · Docker
- Built a production platform that takes a single source and turns it into audiobook, video, Shorts, and publishing workflows from one workspace.
- Worked across the product's AI generation pipeline, voice workflows, backend services, frontend, and deployment infrastructure.

SKILLS

AI Agent Development

- LLM Applications
- AI Agents
- RAG
- Tool Calling
- AI Automation
- MCP

Product Engineering

- Next.js
- React
- TypeScript
- Python
- FastAPI
- REST APIs

Systems

- PostgreSQL
- Redis
- Docker
- Git
- VPS Deployment

Integrations

- n8n
- Webhooks
- Third-Party APIs
- AI/API Integrations

WORKING STYLE

From rough requirement to working product.

I understand the business need, break it into practical technical steps, and use AI-assisted development to move quickly. I handle the AI features, APIs, integrations, frontend, backend, and deployment needed to make the product work. I then iterate based on real-world feedback to turn the initial idea into something usable and production-ready.

LANGUAGES

English ● ● ● ● ● Urdu ● ● ● ● ●