

ABD ALRAHMAN MOHAMMED ALTAQAWY

Full-Stack Developer | AI Integration | Automation | Technical Architect

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Professional Summary

Self-taught and passion-driven Full-Stack Developer with real-world experience in building advanced AI-integrated platforms, automation tools, and scalable web applications. Transitioned from radiology into programming through self-learning, experimentation, and executing full projects independently. Specialized in combining frontend technologies with backend logic and AI APIs to create intelligent systems.

Technical Skills

- Languages: TypeScript, JavaScript, Python, Dart, HTML, CSS
- Frameworks & Libraries: React, Next.js, Node.js, Tailwind CSS, Express.js
- Databases: Firebase Firestore, PostgreSQL, MongoDB
- Tools: Git, GitHub, Vercel, n8n, Docker, Postman
- AI & Automation: OpenAI, LLaMA, LangChain, Firebase Functions, Replicate API
- DevOps: CI/CD, API Integration, Webhooks, Google Cloud
- UI/UX: Figma, Framer Motion, V0.dev

Projects

NEXA Agent (2024 – Present)

AI-powered assistant platform with smart user plans, workflow builder, and automation tools.

- Built with Next.js + Firebase Integrated with Google/GitHub login, Webhooks, and Firestore-based storage
- AI integration via LLaMA, Replicate, and custom APIs
- n8n + LangChain + VE03 + 3D model generator + YOLO & Rodin APIs

SAGE (AI Tutor for Children)

Interactive learning platform with intelligent assistant.

- Avatar-based guidance using LLMs, Built for engagement, learning predictions, and parental monitoring
- UI inspired by child-friendly design using Tailwind + animations

Education

Self-Taught Developer (No CS Degree)

Learned through hands-on practice, building real projects, reading documentation, and contributing code across multiple stacks.

Soft Skills

- Fast learning through trial, error, and adaptation
- Architectural thinking and full-stack planning, Ability to handle full projects from 0 to launch
- Team-oriented with strong independent problem solving & Clear communication and structured documentation