ABDULLAH GHANI

Backend Lead | Senior Backend Engineer | AI & LLM Systems

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SUMMARY

Backend Lead with 9+ years of experience building scalable APIs, job pipelines and cloud infrastructure, and now production AI. Built an LLM agent with tool calling and a RAG search engine used across franchise networks at Delightree. Strong in Node.js, GraphQL, Redis, AWS, vector search and LLM integration. Co-founded a SaaS startup that reached 60+ paid clients within 8 months.

SKILLS

AI / LLM: LangChain, LangGraph, AI-SDLC, LLM agents, tool calling, ReAct, RAG, embeddings, vector search (Qdrant), structured output, prompt engineering, Anthropic Claude, OpenAI
Backend: Node.js, Express, Apollo GraphQL, REST, TypeScript, JavaScript, Python, OAuth 2.0, JWT, system design
Data & Infra: MongoDB, Redis, Bull/BullMQ, AWS (ECS, Elastic Beanstalk, CloudFormation, S3, CloudFront), Docker, CI/CD

EXPERIENCE

Backend Lead | Delightree — Aug 2025 - Present

- Built an **AI Analyst** for franchise owners: a two-stage **LLM agent** built with **LangChain and LangGraph**, where a router selects the right tools from a catalog spanning the whole business, a ReAct agent gathers live data, and a second model writes a schema-validated answer with tables, charts and actions.
- Made the AI's answers trustworthy: every figure is computed in code, never by the model, and checked against the same metric catalog the dashboards use.
- Built **AI Search**, a permission-aware **RAG engine** over SOPs, manuals and training content, with cited answers, automatic reindexing and analytics that surface knowledge gaps.
- Introduced an **AI-SDLC** process across the engineering org, building AI assistance into how we plan, build, review, test and ship software.

Senior Backend Engineer | Delightree — Aug 2021 - Aug 2025

- Designed the backend architecture of the franchise management platform on **Apollo GraphQL**, and built its core modules: SOPs, Forms, Audits, Training and Notifications.
- Built background job processing and caching with **Bull queues and Redis**, moving heavy work off the request path.
- Deployed and managed **AWS** infrastructure (Elastic Beanstalk, ECS, CloudFormation, S3, CloudFront).

Senior Full-Stack Engineer | Chain of Demand, Hong Kong — Sep 2022 - 2023

- Built backend APIs for an ML-driven crypto analytics platform, and launched a signals service that sends real-time Telegram alerts.

Co-Founder | DecodeCX — Jun 2019 - Jul 2021

- Built a customer-experience SaaS platform from scratch, using NLP review analysis, and reached **60+ paid clients in 8 months**.

Full-Stack Developer | Survaider — Jan 2018 - Jun 2019

- Built and maintained 20 web scrapers and an analytics platform for ~800 B2B users. Built an internal operations tool that saved ~150 work hours a month.

Software Developer | Signzy — Jun 2017 - Jan 2018

- Built bank onboarding applications on in-house KYC APIs, and did OCR research and development.

Web Developer | ApnaStudy Technologies — Aug 2016 - Jun 2017

- Built the payments platform on the MEAN stack.

PROJECTS

Brifly | AI Meeting Intelligence (brifly.hostatic.site) — LangChain, Qdrant, Claude

- Built a **LangChain** RAG platform that unifies transcripts from Zoom, Teams, Read.ai and Fireflies, plus Gmail and Outlook. It offers semantic search and per-meeting chat that cites speaker and timestamp.
- Built BullMQ workers for embeddings (OpenAI to Qdrant), Claude action-item extraction and scheduled digests.

DriftHost | AI Website Builder & Hosting (drifthost.site) — LLM codegen, CDN

- Built a chat-to-website builder: the AI streams HTML/CSS/JS with checkpoints, and sites publish as versioned deployments on an edge CDN with one-click rollback and a deploy CLI.

EDUCATION

Bachelor's Degree, Computer Science | Netaji Subhash Engineering College — 2013 - 2017

CERTIFICATIONS

Server-side Development with NodeJS | MongoDB for Node.js Developers (M101JS) | Introduction to MongoDB using the MEAN Stack (edX)