

# ABDUL GAFOOR C

Full-Stack Developer • AI-Augmented Engineer • Automation Associate

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## PROFESSIONAL SUMMARY

Full-stack developer who ships production-ready applications by combining MERN stack and Python Django expertise with AI engineering — including RAG pipelines, LangChain integrations, and OpenAI API implementations. Experienced in building RESTful APIs with JWT authentication, database optimization (PostgreSQL, pgvector, MongoDB), and responsive UI development with React and Tailwind CSS. Leverage AI-powered tooling to deliver projects faster and at higher quality, reducing development time by up to 40% on client engagements.

## WORK EXPERIENCE

### Automation Associate

Intellijhon Pvt Ltd | Kakkanad, Ernakulam | Aug 2025 – Present

- Designed and deployed end-to-end automation workflows, reducing manual processing time by approximately 35% across key operational pipelines.
- Built full-stack automation dashboards using React and Django, enabling real-time monitoring of 5+ concurrent automated processes.
- Integrated REST APIs with third-party services to automate data ingestion and reporting, eliminating 10+ hours of weekly manual data handling.
- Maintained and optimized PostgreSQL databases supporting automation workflows, improving query performance by 25% through indexing and query refactoring.
- Collaborated with cross-functional teams using Agile methodology to scope, prioritize, and ship automation features on bi-weekly sprint cycles.

### Python Django Full-Stack Developer — Intern

Luminar Technolab | Ernakulam | Aug 2024 – May 2025

- Developed and maintained 3+ scalable web applications using Python Django and Django REST Framework, serving 100+ concurrent users.
- Built and integrated RESTful APIs with JWT authentication, securing communication across 8+ client-server endpoints per application.
- Optimized PostgreSQL and SQLite database queries, achieving a 30–40% reduction in average response times through indexing and query restructuring.
- Delivered all assigned sprint features on time across 9-month internship, contributing to 4 production deployments using Agile methodologies.

## KEY PROJECTS

### DocMind — AI Document Q&A; Platform

Django · LangChain · pgvector · GPT-4o-mini · RAG · PostgreSQL · React · REST API

- Built an AI-powered document intelligence platform using Retrieval-Augmented Generation (RAG) architecture, enabling natural-language Q&A; over uploaded PDFs and documents.
- Implemented semantic vector search using pgvector and LangChain, achieving sub-second retrieval across document corpora of 500+ pages.

- Integrated GPT-4o-mini via OpenAI API with context-aware prompting, delivering accurate, cited answers with 90%+ user satisfaction in testing.
- Designed and deployed full REST API backend with JWT-secured endpoints and a React frontend, built for Gulf-region enterprise clients.

### Arabseason ERP — Business Management Web App

*Django · React · PostgreSQL · REST API · JWT Auth · Tailwind CSS · Vercel*

- Architected and delivered a private ERP system for a Dubai-based event management company, replacing a Google Sheets workflow and cutting manual admin time by 60%.
- Implemented modules for project tracking, client management, invoicing, and reporting — handling 200+ records per module across 5 core business functions.
- Managed iterative delivery with structured change requests (CR-004, CR-005), maintaining production stability while shipping 10+ feature updates.
- Deployed and maintained on Vercel with zero-downtime releases; integrated PostgreSQL with optimized relational schema for fast cross-module queries.

### WhatsApp AI Chatbot System — Banking & Booking Bots

*Python · Django · WhatsApp Business API · REST API · PostgreSQL · Custom Banking API*

- Built a banking chatbot on WhatsApp integrating a custom banking API, enabling users to check account balance, pending EMIs, and transaction history — all via conversational WhatsApp messages without opening any app.
- Developed a multi-industry booking chatbot serving hotels, hospitals, and clinics — handling appointment scheduling, slot availability, and confirmation notifications end-to-end through WhatsApp.
- Designed REST API webhook handlers for WhatsApp Business API, processing 200+ daily messages with error handling, session management, and delivery confirmation.

### Arab Season — Client Website with Lead Automation

*Django · React · Tailwind CSS · REST API · PostgreSQL · WhatsApp API · Vercel*

- Designed and developed a custom website for Arab Season, a Dubai-based event management and branding company — showcasing services, enabling appointment booking, and converting visitors into qualified leads.
- Built an automated lead capture pipeline: form submissions are collected, stored in PostgreSQL, and instantly forwarded to the admin via WhatsApp and email — eliminating manual lead tracking.
- Implemented an automated follow-up workflow that sends timed follow-up messages to leads via WhatsApp, reducing response time from days to minutes and improving conversion rate.

## TECHNICAL SKILLS

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<b>Languages</b>	JavaScript (ES6+), Python, TypeScript
<b>Frontend</b>	React.js, HTML5, CSS3, Tailwind CSS, Figma, Framer
<b>Backend</b>	Node.js, Express.js, Django, Django REST Framework
<b>Databases</b>	PostgreSQL, MongoDB, SQLite, pgvector (vector search)
<b>AI / ML</b>	LangChain, OpenAI API (GPT-4o-mini), RAG architecture, Prompt Engineering
<b>APIs &amp; Auth</b>	REST APIs, JWT Authentication, WebHook integration, WhatsApp Business API
<b>DevOps &amp; Tools</b>	Git, GitHub, Docker, Vercel, Netlify, Render, Postman, VS Code, CI/CD
<b>AI Dev Tools</b>	Google AI Studio, Google Firebase Studio, Cursor, Replit, Claude API

## EDUCATION

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## **Bachelor of Science in Computer Science**

Gems Arts and Science College, Ramapuram | 2022 – 2025

- Graduated with focus on software engineering, data structures, algorithms, and web technologies.
- Completed hands-on capstone projects in full-stack development; active participant in technical events.