

MOHAMMED QIZAR BILAL

Software Developer · Full Stack Engineer

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EXECUTIVE SUMMARY

Software Developer with hands-on experience building scalable full-stack applications and backend systems. Skilled in designing end-to-end solutions, from data processing and API development to frontend integration and deployment. Strong foundation in system design, performance optimization, and modular architecture. Passionate about building reliable, high-impact software that solves real-world problems.

TECHNICAL SKILLS

Programming	Python, SQL, JavaScript, TypeScript
Core CS	Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, DBMS,
Full Stack	React.js, HTML, CSS, Component-Based Architecture, Node.js, API Design
Databases & Storage	MongoDB, SQL, Data Modeling
Software Engineering	Modular Design, Debugging, Basic System Design, RESTful Architecture, Unit Testing
Tools & Technologies	Git, GitHub, Postman, Docker (Basics), Google Cloud, Cloud Deployment

PROFESSIONAL EXPERIENCE

Software Engineer – Product Team · Webill Pvt. Ltd, Vaniyambadi (On-site)

Feb 2026 – Present

Webill Minds — E-commerce and Digital Marketing Platform

- Developed scalable modules for sales tracking and order management used by 200+ businesses; optimized frontend–backend communication through REST API integrations for consistent performance
- Designed reusable component architecture and improved workflow efficiency by resolving production issues; collaborated across releases to deliver stable, production-ready features

AI Intern · Infosys Springboard (Remote)

Feb 2026 – April 2026

SkillMatch — Resume Matcher & Skill Recommender [↗ Live Demo](#)

- Built a backend-driven system for resume–job matching with structured data processing pipelines; implemented parsing, transformation, and scoring workflows to automate candidate evaluation
- Developed REST APIs using FastAPI for data ingestion, processing, and system integration; implemented a recommendation module to generate skill-gap insights based on job requirements

EDUCATION

B.E — Computer Science and Engineering

2022 – 2026

Priyadarshini Engineering College, Vaniyambadi

CGPA: 8.87 / 10.0 · Top 2 in Department

PROJECTS

Twinsitute AI – Multi-Agent AI Digital Institution [↗ GitHub](#)

Multi-Agent Systems · RAG Architecture · AI Workflow Orchestration

- Engineered a multi-agent AI system coordinating 5 specialized agents to model student growth trajectories, generating personalized career roadmaps for 100+ users
- Designed a skill-gap analysis engine across 50+ career pathways, delivering adaptive recommendations with 85% user satisfaction based on outcome accuracy
- Architected a full-stack platform using React and Node.js microservices, building an analytics dashboard tracking 15+ performance metrics

SkillMatch – Resume Matcher & Recommender [↗ GitHub](#)

Backend-Driven Resume Matching & Recommendation System – Team Lead

- Developed an end-to-end system for resume–job matching with structured data pipelines; implemented parsing, preprocessing, and scoring workflows for automated evaluation
- Built backend services and APIs for candidate analysis and ranking; implemented recommendation logic to identify skill gaps and generate actionable outputs

GreenNode – Sustainable E-Commerce Platform [↗ GitHub](#)

Backend-Driven Resume Matching & Recommendation System – Team Lead

- Built a full-stack e-commerce platform using Next.js, Express, and MongoDB supporting 1,000+ product listings with server-side rendering (2.1s load time, 90+ Lighthouse score)
- Developed secure authentication (JWT), payment integration, and role-based admin dashboard for inventory management and sustainability analytics
- Integrated real-time carbon tracking APIs across 500+ transactions, enabling per-order CO₂ insights and increasing eco-friendly selections by 34%