AMMAD AHMED

Full Stack Developer | Software Engineering Student
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PROFESSIONAL SUMMARY

Software Engineering student at Bahria University, Karachi. Experienced in building and shipping production web applications — SaaS platforms, EdTech tools, and AI-powered apps — using React.js, Node.js, ASP.NET Core, and PostgreSQL. Comfortable owning projects end-to-end: from database design and API development to cloud deployment and domain configuration.

- Built and shipped QResolve — a live SaaS marketplace with Stripe payments, multi-role dashboards, and real client traction (React, Next.js, Supabase).
- Launched StudySphere (study-sphere.app) — a full-stack EdTech platform with PostgreSQL triggers, OTP auth, and automated analytics.
- Grew IQify to 200+ users in under 1 week with zero marketing — AI-powered IQ test platform.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, C#, Python, Java, SQL
Frontend: React.js, Next.js, Tailwind CSS, Bootstrap, Vite
Backend: Node.js, Express.js, ASP.NET Core 8, REST APIs, JWT, OTP, BCrypt
Databases: PostgreSQL, MySQL, MongoDB, SQLite, Supabase, Firebase
Tools & Platforms: Git, GitHub, Docker, Vercel, Render, cPanel/Hostinger, Figma

EXPERIENCE

Freelance Full Stack Developer — **Codeveil Studio — Self-Employed** *June 2025 – Present*

- Delivered full-stack client projects using React.js, Next.js, Node.js, and PostgreSQL; handled complete SDLC from design to deployment on Vercel, Render, and Hostinger.
- Built QResolve — a client's SaaS service marketplace with Stripe payments, multi-role dashboards, city-based filtering, Python scraping automation, and QR asset tracking.
- Managed domain configuration, environment setup, and hosting independently across multiple tools and providers.

Full Stack Developer Intern — **Potentials Dev+, Karachi** *July 2025 – December 2025*

- Worked on real-world client projects with React.js, Node.js, PostgreSQL, and SQLite in a collaborative professional environment.
- Built SmartCal — a calendar management app integrating Google, Outlook, and Apple Calendar APIs with embedded Jitsi Meet for in-app video calls.
- Assisted in production deployments on cPanel/Hostinger; gained hands-on experience with live server hosting and domain management.

PROJECTS

StudySphere — Full Stack EdTech Platform *React 18 · ASP.NET Core 8 · PostgreSQL* study-sphere.app ↗

- Deployed learning platform with 9 relational tables, PostgreSQL triggers, and stored procedures for automated analytics; follows a layered Controller → Service → Repository architecture.
- 3-step OTP verification, JWT auth, BCrypt hashing, and smart multi-channel notifications (email, SMS, push, WhatsApp); admin-matched personalised study recommendations.

QResolve — SaaS Service Marketplace *Next.js · Node.js · Supabase · Stripe* qresolve.com ↗

- SaaS marketplace with Stripe integration, multi-role dashboards, advanced city-based service filtering, Python scraping pipeline, and QR-based asset tracking.

Software Requirement Bot *React.js · Node.js · PostgreSQL* Live ↗

- AI-powered requirements engineering tool with automated documentation, SMTP email verification, and AI API-driven project planning workflows.

IQify — AI-Powered IQ Test *HTML · CSS · JavaScript* Live ↗

- AI-based IQ quiz with real-time adaptive scoring and age-based certification — grew to 200+ users and thousands of visits within one week of launch with zero paid marketing.

BlogSyte — Full Stack Blogging App *React · Node.js · PostgreSQL* blogsyte.vercel.app ↗

- Global blogging platform for publishing and discovering posts; React frontend, Node.js/Express backend, PostgreSQL database — fully deployed on Vercel.

CERTIFICATIONS & ACHIEVEMENTS

English for STEM — OPEN / U.S. Department of State · *December 2024*

U.S. State Department-sponsored MOOC; sharpened technical communication skills for STEM fields.

Competitive Programming & Hackathons — 2024–2025

- DEV DAY'25 (FAST) · PROCOM'25 (FAST) · TECHATHON'25 (BUKC) · ZAB-E-FEST'25 (SZABIST) · Coders Clash'25 (BUKC) · Speed Programming (BUKC) · SuperComp'24 (BUKC)

EDUCATION

Bachelor of Software Engineering — Bahria University, Karachi *2024 – 2028 | CGPA: 3.6*