

OBAID AQEEL

Full-Stack Software Engineer | Web · Mobile · Cloud

React • Node.js • Angular • MongoDB • PostgreSQL • AWS • Swift / Kotlin • AI / LLMs
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Lahore, Pakistan • Available to Join Immediately

PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 3+ years building and shipping production software across web, mobile, cloud, and AI. Comfortable owning a product end to end: React, Angular, and Next.js frontends, Node.js, Express, PHP, and C# / .NET backends, MongoDB, PostgreSQL, and MySQL databases, and deployment on AWS. Has shipped live products used by real people, including an iOS and Android platform on the App Store and Google Play, real-time multiplayer and messaging systems, e-commerce and admin platforms, and AI features built on LLMs. Works well independently and in distributed teams, with a focus on clean, maintainable code, clear communication, and practical delivery.

CORE CAPABILITIES

- Full-stack web applications: React, Angular, and Next.js frontends with Node.js, Express, PHP, and C# / .NET backends.
- Backend and API development: REST APIs, authentication (JWT, OAuth), role-based access control, and database design.
- Mobile applications: native iOS in Swift and native Android in Java and Kotlin, published on the App Store and Google Play.
- Admin dashboards and business systems: inventory, orders, users, reporting, and workflow automation.
- E-commerce platforms: custom storefronts, checkout with payment gateway integration, and order management.
- Real-time systems: Socket.IO and WebSockets for live updates, notifications, and multiplayer features.
- AI integration: LLM and OpenAI API features, AI agents, agentic workflows, and intelligent automation.
- Cloud and deployment: AWS (EC2, Lambda, S3, Route 53), GCP, Linux servers, Git, and CI/CD pipelines.
- SEO and performance: SSR and SSG, meta tags, schema markup, sitemaps, and page-speed optimization.

TECHNICAL SKILLS

Backend: Node.js, Express.js, Python, JavaScript, TypeScript, REST APIs, PHP, C# / .NET

Databases: PostgreSQL, MySQL, SQL Server, MongoDB, Redis, Firebase

Cloud & DevOps: AWS (EC2, Lambda, S3, IAM, Route 53, Load Balancer), Linux, GCP, Azure, Git, GitHub, CI/CD

Real-Time: Socket.IO, WebSockets, FCM / APNs, Event-Driven Systems

Architecture: Distributed Systems, Microservices, Event-Driven Architecture, RESTful Services, Scalability, Caching, Clean Architecture

Practices: Code Reviews, Testing & Debugging, Agile / Scrum, Remote Collaboration, Git Workflows

Frontend: React, Angular, JavaScript, TypeScript, Next.js, Tailwind CSS, Responsive UI

Mobile: Native iOS (Swift), Native Android (Java / Kotlin), App Store & Google Play Release, React Native (familiar)

AI & Machine Learning: Generative AI, LLMs, Prompt Engineering, LLM Integration (OpenAI API), AI Agents, Agentic Workflows, Intelligent Automation, NLP, ML Fundamentals, AI-Assisted Development

PROFESSIONAL EXPERIENCE

Full-Stack Engineer — Jinn Systems

Dec 2025 – Present

Dubai, United Arab Emirates

- Build and scale production-grade backend systems, REST APIs, and admin infrastructure for business clients in Dubai.
- Design and develop backend services in Node.js, PHP, and Express.js; deploy high-availability applications on AWS (EC2, S3, Lambda, Route 53).
- Architect database schemas across MongoDB and MySQL; implement Redis caching for performance-critical paths.
- Build admin dashboards and automate operations, inventory, and business workflows with role-based access control and full CRUD operations.
- Build full-stack features with Angular and React frontends integrated with Node.js and Express REST APIs.
- Integrate LLM APIs and build AI agents, agentic workflows, and intelligent automation into production applications, applying prompt engineering and reviewing AI-generated code.

- Optimize query performance, data handling, and system design; contribute to architecture decisions for scalable backends.

Lead iOS Engineer & Full-Stack Developer — GeoBlood (Volunteer)

May 2024 – Present

Remote — St. Louis, MO • geoblood.org • [Live on iOS App Store](#)

- Lead backend architecture: Node.js APIs, MongoDB, Redis caching, Firebase, and AWS infrastructure for a live production platform.
- Build the native iOS app in Swift and contribute to the native Android app in Java and Kotlin, both live on the App Store and Google Play.
- Implement real-time communication with Socket.IO and push notifications via FCM and APNs at scale.
- Build RESTful APIs for donor-patient matching, request workflows, authentication, and admin operations.
- Design distributed, scalable backend with authentication (Sign in with Apple, Google), JWT sessions, and RBAC.
- Build and maintain the React-based admin dashboard for managing users, donation requests, and platform data.
- Handle App Store release, compliance, and production monitoring for a live iOS application.
- Optimize backend performance and reliability for a platform actively serving users in production.

Software Engineer — weiBlocks

Feb 2024 – Oct 2025

Lahore, Pakistan

- Developed full-stack applications using the MERN stack with focus on performance, maintainability, and clean architecture.
- Built interactive crypto and blockchain dashboards with dynamic charts and real-time data visualization using Chart.js and Recharts.
- Built scalable backend services and RESTful APIs; delivered user-centric UI that increased engagement by 15%.
- Collaborated in code reviews within a remote, Agile team to deliver maintainable full-stack features.

Full-Stack Engineer — BreatheIO

Jun 2023 – Dec 2023

Lahore, Pakistan

- Developed IoT-integrated systems for real-time data monitoring across both frontend and backend.
- Improved database performance, reducing data-retrieval time by ~20%, and optimized application performance by ~15%.

KEY PROJECTS

GeoBlood — Real-Time Blood Donation Platform (Backend)

Node.js, TypeScript, MongoDB, Redis, Firebase, AWS, Socket.IO, REST APIs

- Production Node.js backend: REST APIs, donor-patient matching, authentication, and admin workflows.
- Real-time Socket.IO layer; push notifications via FCM/APNs; MongoDB + Redis; AWS cloud. Actively serving production traffic.

SHAZ — Custom E-Commerce & Admin Platform

PHP, Vanilla JavaScript, MySQL, HTML5 / CSS3

- Built a custom e-commerce platform from scratch, including product catalog, cart, checkout with payment gateway integration, and order management, without a prebuilt CMS.
- Built a large admin dashboard for inventory, orders, users, and content, with backend CRUD operations and database-driven workflows.

DOA Detect — Drug of Abuse Testing & Device Integration System

C# / .NET, WPF, MVVM, SQL Server, HL7, QuestPDF / RDLC

- Built a .NET / C# desktop application for drug-of-abuse testing, sample management, and result reporting, integrating multiple analyzers via Serial / COM and HL7.
- Implemented HL7 message parsing and ingestion, mapping patient, sample, and test results, with data, drug panels, and images stored in SQL Server.
- Designed a layered MVVM architecture (Services, Repositories, Models) separating UI, business logic, database access, device communication, and reporting.

MBD Game — Real-Time Multiplayer Telegram Mini App

React, TypeScript, Node.js, Colyseus, Web3

- Server-side real-time game logic optimized to support 100+ concurrent players; 50% improvement in session capacity.
- Web3 payment integration; WebSocket-driven real-time game loop with 99.9% uptime.

Jinn Reports — Client Project Workspace (SaaS)

MEAN Stack — MongoDB, Express, Angular, Node.js

- Full-stack SaaS with REST APIs, role-based access, file sharing, and real-time project status updates.
- Built Node.js and Express APIs with MongoDB schemas and an Angular client providing role-based team and client views.

EPO e-Procurement — Enterprise Procurement Platform

Angular, TypeScript, Bootstrap, REST APIs

- Built an enterprise e-procurement platform that reduced manual procurement work by 30% and cut request turnaround time by 25%.
- Developed dashboards for purchase requests, approvals, and supplier management with role-based access control.

EDUCATION

Bachelor of Engineering — Electrical & Electronics Engineering

Jan 2020 – Jun 2024

Information Technology University (ITU) — Lahore, Pakistan

CERTIFICATIONS

- AWS Cloud Quest: Cloud Practitioner — Amazon Web Services, Jun 2026
- Generative AI Fundamentals — Google, Jan 2024
- Introduction to Large Language Models — Google, Jan 2024
- Introduction to Generative AI — Google, Jan 2024
- Google Cloud Essentials — Google, Jan 2024