

ZEESHAN SALEEM

Backend Engineer

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Open to Remote

PROFESSIONAL SUMMARY

Self-driven Backend Engineer with a proven ability to write clean, scalable Node.js and TypeScript code, demonstrated through two independently built, production-grade projects covering identity systems, real-time pipelines, and cloud deployment on AWS. Currently pursuing a Software Engineering degree (CGPA 3.45/4.0) and actively seeking a backend internship at a tech-product or remote-first company where I can contribute from day one.

TECHNICAL SKILLS

Core Languages:	Node.js, TypeScript, JavaScript (ES2022+)
APIs & Auth:	RESTful APIs, WebSockets, Socket.io, JWT, OAuth 2.0, Rate Limiting
Databases:	MongoDB, PostgreSQL, MySQL, Redis, TimescaleDB
Patterns:	RBAC, Multi-Tenancy, MVC, Event-Driven Design, Microservices
DevOps & Cloud:	Docker, AWS (EC2, S3, Auto Scaling), GitHub Actions, CI/CD

PROJECTS

User Management System (Clerk-inspired) | 2026 – Live

Production-ready backend identity platform — authentication, sessions, multi-tenancy, and permissions with enterprise-grade

- Architected RBAC with fine-grained, per-organization permissions and full multi-tenant data isolation, ensuring zero cross-tenant data leakage
- Engineered JWT auth with refresh-token rotation, bcrypt hashing, and server-side revocation — closing common session-hijacking vulnerabilities
- Built email verification, password-reset, and account-lockout as isolated TypeScript modules with clean interfaces and no business-logic leakage
- Integrated Redis for distributed session caching and sliding-window rate limiting, reducing database load
- Containerised with Docker and deployed to AWS via CI/CD — push-to-main triggers automated test, build, and deploy pipeline

Stack: Node.js · TypeScript · Express.js · MongoDB · JWT · Redis · Docker · AWS | github.com/CodeWithZezo/mega-project

Real-Time Analytics Engine | 2026 – In Progress

High-throughput data pipeline that ingests, processes, and serves live metrics at scale.

- Scaled Socket.io to 5,000+ concurrent WebSocket connections with authenticated handshakes and connection pooling
- Built Node.js stream handling 50,000 data points/sec with backpressure control to prevent memory overflow
- Deployed on AWS Auto Scaling Groups — instances scale automatically under traffic spikes, keeping latency flat

Stack: Node.js · Socket.io · TimescaleDB · Redis · RabbitMQ · Docker · AWS

EDUCATION

Bachelor of Software Engineering | 2024 – 2028

Arid Agriculture University, Lahore, Pakistan | CGPA: 3.45 / 4.0

Relevant Coursework: System design, Database Systems, Software Architecture

Available immediately for remote or on-site backend internships · English (Professional) · Urdu (Native) · References available on request