

# ZEESHAN ZUBAIR

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## SUMMARY

Tech Lead with 7 years of experience delivering scalable web applications. Experienced in leading teams, full-stack development, and building high-performance, robust solutions.

## AREAS OF EXPERTISE

- Technical Leadership & Team Mentorship
- Backend Architecture & System Design
- Microservices & Multi-Tenant Architecture
- AI/LLM Integrations (RAG, Agentic AI, OpenAI, Gemini)
- Full-Stack Development (Node.js, React, Next.js) & Frontend/UI/UX
- Database Design & Optimization (PostgreSQL, MongoDB, Redis)
- API Development (REST, GraphQL)
- Security & Compliance
- Cloud Platforms (AWS, GCP), CI/CD & DevOps
- Microservices & Multi-Tenant Architecture
- Scalable System Design & Performance Optimization
- SDLC, Testing & Quality Assurance

## WORK EXPERIENCE

### Tech Lead, Red Buffer

Jun 2025 - Present

- Leading 3 full-stack projects, overseeing architecture, development, and delivery.
- Developed a sales platform with AI-powered reminders and template generation, and directed two healthcare products using agentic AI for patient interactions.
- Implemented RAG workflows for context-aware LLM responses and built scalable APIs and web interfaces.
- Managed deployments and CI/CD pipelines, ensuring reliable and timely releases.

### Senior Software Engineer, NMX Global Software, Inc.

Nov 2020 - Mar 2025

- Developed multiple backend projects using TypeScript, Node.js, Java, NestJS, Express, Hapi, Apollo GraphQL, Sequelize, PostgreSQL, MongoDB, Docker, Microservices, NPM Workspaces, and Multitenancy, delivering robust and scalable solutions.
- Drove adoption of Microservices architecture, improving system scalability, modularity, and maintainability across projects.
- Contributed to frontend development with React, ensuring seamless integration with backend services and optimized user experience.
- Led deployment initiatives, configuring AWS Copilot and setting up AWS CodePipeline for automated CI/CD, ensuring reliable and efficient delivery of applications.

### Software Engineer, SIQA Software Services

Feb 2019 - Nov 2020

- Developed dynamic, responsive user interfaces using React.js and Redux, improving user experience and engagement.
- Built and maintained backend services with Node.js, Express, and TypeORM, integrating AWS Lambda, SES, and S3 for scalable cloud functionality.
- Collaborated with cross-functional teams to deliver full-stack solutions, ensuring performance, reliability, and timely delivery.

## PROJECTS

### Enluma HealthCare

A healthcare automation suite leveraging AI to improve patient intake and follow-up workflows.

- Built Consult+, an agentic AI system that collects pre-consultation details using Speech-to-Text and Text-to-Speech.
- Developed Aftercare+, an AI workflow that gathers and analyzes patient feedback post-consultation.
- Led architecture, development, and delivery across both subprojects.

## Continuas AI

A sales productivity platform integrating enterprise email and scheduling with AI-driven automation.

- Integrated Gmail and Outlook email pipelines with full calendar synchronization.
- Built AI-powered features including smart reminders and short template generation using LLMs.
- Implemented multi-tenant backend architecture and led complete production deployment.

## The Hubbub

A video-based learning and training platform designed for universities and organizations.

- Led backend architecture with a microservices and multi-tenant design to support multiple institutions.
- Built scalable APIs for video streaming, analytics, and content management using NestJS + GraphQL.
- Managed cloud deployments via AWS Copilot and implemented CI/CD for faster, reliable releases.

## Softcoster

An ERP system used for project planning, staffing, and resource allocation.

- Designed multi-tenant backend architecture enabling secure and isolated client environments.
- Developed microservice-based modules and defined GraphQL service contracts for consistent API integration.
- Performed architectural R&D to improve scalability, maintainability, and system performance.

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## SKILLS

- **Languages & Frameworks:** JavaScript, TypeScript, Node.js, Next.js, NestJS, Express, Hapi, React.js, HTML/CSS, Java, SQL, GraphQL
- **Libraries & Tools:** Sequelize, Mongoose, Prisma, Apollo GraphQL, Redux, Docker, Git, VS Code, Eclipse, Jira, ClickUp, Firebase Cloud Messaging, Stripe, MS Office
- **Databases & Cloud:** PostgreSQL, MongoDB, Oracle, Redis, AWS (Lambda, S3, SES, SQS, EC2, ECS, Copilot, CodePipeline, CloudFormation, RDS), GCP
- **AI & LLM Technologies:** RAG (Retrieval-Augmented Generation), AI-augmented coding, LLM integrations, OpenAI APIs
- **Other Expertise:** Full-stack development, Agile, Microservices, Multitenancy, Deployment Automation, CI/CD Pipelines, REST APIs, WebSockets, Team Leadership & Mentoring, NPM Workspaces

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## EDUCATION

**Bachelor of Science in Computer Science**

**Sep 2015 - Jul 2019**

University Institute of Information Technology (PMAS AAUR), Rawalpindi

- Scored 3.58 CGPA out of 4

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## AWARDS

- Star Performer of the Year (2022) – NMX Global Software, Inc.
- Star Performer of the Year (2021) – NMX Global Software, Inc.