

HUSNAIN YUSUFI

SENIOR SOFTWARE ENGINEER

"Open to relocate"

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SUMMARY

Senior Software Engineer with 4+ years of experience in backend (Java, Node.js, Spring Boot) and IoT solutions. Skilled in scalable system design, AI integration, and cloud deployments (AWS, Azure, VPS). Proven track record of delivering production-grade products under tight timelines.

PROFESSIONAL SKILLS

System Design Team Collaboration
Agile Methods Problem Solving

TECHNICAL SKILLS

Java & SpringBoot MongoDB SQL
Node.js NestJS PostgreSQL Supabase
IoT Solutions AWS Azure
Cloud Deployments Nginx Apache

PROFESSIONAL EXPERIENCE

Senior Software (Tech lead) | Wasael AI-Rahah - KSA

June 2025 - Present

- Leading backend development and deployment efforts using Node.js, Java, and modern databases, ensuring scalable and reliable solutions.
- Successfully delivered 2 production-grade products within 3 months, driving innovation and business impact.
- Spearheading AI-driven features and system integrations, enhancing product capabilities and performance.

Software Engineer | 2b Vision Technologies

Oct 2024 - June 2025

- Developed and maintained a medical LIS product, including reporting, features, and hotfixes.
- Acted as a top support developer, quickly resolving critical issues and bugs.
- Built and deployed a full medical marketplace for product test buying.

Associate Software Engineer | Computech

Sept 2023 - Sept 2024

- Designed the baseline architecture and contributed as a backend developer for a large-scale school management system.
- Optimized performance to handle 500K+ daily active users reliably.
- Migrated the application from PHP to Node.js with SQL ORM, achieving improved scalability and maintainability.

PROJECTS

Government IoT Fuel Monitoring Project

Fuel Max

Built an IoT system with fuel dispensers, RFID, and MQTT APIs; deployed on 6 pumps with live portal monitoring.

Sticha (USA – Tailoring Marketplace)

Developed NestJS backend for Fiverr-like tailoring platform with gigs & job posting; integrated Stripe, SQL, Redis cache, and CI/CD pipelines for VPS deployment.

Coca-Cola Safety Project

Developed AI-based human detection with cameras + Raspberry Pi for forklifts, reducing accident risks.

Asset Management System project

Created Java + React platform for centralized asset, credential, and showroom management using

AI Voice Agent project

Built Python + Node.js + Twilio system for auto calls to late arrivals; enabled 1-min dialogues & logging.

Sport-ify

Leading development of sports resume platform for athletes; supports tournaments, stats, medals, and achievements.

Psychology & Healing App (Australia)

Ganna Healing

Delivered backend (Java, Node.js, MongoDB, AWS) for psychology app with questionnaires & 30-day healing program.

EDUCATION

Bachelor of Science in Software Engineering

University of Management and Technology (UMT), Lahore

July 2019 - Aug 2023

Sep 2019 – Sep 2023

- Relevant coursework in Software Architecture, Database Systems, and Cloud Computing.

CERTIFICATION

Node.js and Express – IBM

Developing Back-End Apps with Node.js and Express – IBM, Coursera (Issued Aug 2024)

- Credential ID: W83KCBJW6XFS

LANGUAGES

- English — Fluent
- Urdu — Native
- German — Basic (A1)

HOBBIES & INTERESTS

- 🎸 Music (Professional Guitarist) – creativity, discipline, and stage confidence
- ⚽ Sports & Fitness – teamwork, energy, and resilience
- 🌎 Travel & Culture Exploration – adaptability and openness to diversity
- 🧩 Problem-Solving Games & Puzzles – analytical thinking and curiosity