

Raja Hammad Naseer

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Professional Summary

Fullstack Engineer with 2+ years of production experience across two companies, building and shipping web applications with React.js, Node.js, and REST APIs. Proven ability to integrate AI capabilities, LLM pipelines, RAG, and agentic workflows directly into production web products. Hands-on background across the full deployment lifecycle: Docker, CI/CD, and cloud-ready architecture.

Technical Skills

Frontend	React.js, Redux, Next.js, HTML5, CSS3, Responsive UI
Backend	Node.js, Express.js, REST API Design, MVC Architecture
Languages	JavaScript, TypeScript, Python, SQL
AI & LLM	LangChain, OpenAI API, RAG Pipelines, Agentic Workflows, Prompt Engineering
Databases	MongoDB, MySQL, PostgreSQL
DevOps	Docker, GitHub Actions, CI/CD, Git

Work Experience

Full-Stack Developer

2024 – 2025

Jataq Technologies — Pakistan

- Delivered 3 production web applications with zero reported downtime, as measured by successful release and continuous operation under live user traffic, by architecting full-stack Node.js/React.js systems and owning Docker-based CI/CD pipelines from first commit through release.
- Eliminated manual customer support bottlenecks, as measured by successful deployment of an LLM-powered support system into a live production product, by building a RAG pipeline, engineering the prompt chain, and integrating the solution via REST API into the existing web infrastructure.
- Shaped the company's AI tooling strategy, as measured by direct adoption of recommended frameworks into the production stack, by systematically benchmarking competing LLM tools and presenting performance findings to the team.

Artificial Intelligence Engineer

2023 – 2024

VisionTech360 — Pakistan

- Shipped a full-stack access control platform (EMACS) to production across multiple live camera installations, as measured by live operational deployment, by building a React.js dashboard and Node.js/Express REST API backend integrating YOLOv8 face recognition and ONNX inference pipelines.
- Reduced model deployment risk, as measured by a zero-friction proof-of-concept to production transition, by containerising all CV inference services with Docker and establishing a repeatable deployment workflow.

Projects

Campus Marketplace — Full Stack Product, TU Ilmenau

React.js, Node.js, Express.js, MongoDB

- Built a complete student marketplace from scratch profiles, listings, search, filtering, and responsive UI validated through direct user interviews with TU Ilmenau students.

WorkAI — Industrial AI Monitoring Platform

React.js, Node.js, YOLOv8, ONNX, Docker

- Delivered a full-stack AI monitoring platform by integrating pose estimation and face recognition backend services via REST APIs into a React.js real-time dashboard with MongoDB event logging, containerised for portable deployment.

AI Job Application Agent — Agentic Pipeline

Python, LangChain, Gemini API

- Reduced a 30+ min manual process to under 2 minutes by building a multi-step agentic pipeline: job extraction → relevance scoring → context-aware LLM generation → PDF export.

Education

M.Sc. Computer & Systems Engineering — Technische Universität Ilmenau, Germany

Oct 2025 – Present

B.Sc. Computer Science — SZABIST, Pakistan

2019 – 2023

Certifications & Languages

Certifications Node.js — The Complete Guide (MVC, REST APIs, GraphQL) · Google Data Analytics Professional Certificate

Languages Urdu (Native) · English (C1) · German (B1)