

IMAM FAHEEM

Senior Software Engineer & Product Builder

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Professional Summary

Senior Software Engineer and product builder with 3+ years of experience shipping scalable, AI-powered SaaS products in fast-paced startup environments. Currently leading three concurrent products at Skyware while mentoring a team of 3-4 engineers. Expert in Next.js and Node.js, with a track record of taking products from concept to production: architecting multi-tenant systems, integrating AI capabilities, and maintaining high-throughput applications. Previously built Maktab from the ground up — a school management platform now processing 100M PKR annually across 10+ schools.

Professional Experience

Senior Software Engineer & Tech Lead

Oct 2025 – Present

Skyware IT Solutions | Fast-paced Startup | Peshawar

- Lead and ship multiple products concurrently: Smart PMS (100+ properties, Germany), Voice AI platform, and an AI agent assistant
- Build and own the Voice AI platform independently — now in live production serving properties and businesses
- Develop an AI agent assistant with agentic capabilities (RAG + function calling) to automate organizational workflows
- Architect and maintain multi-tenant SaaS products using microservices, handling thousands of daily operations reliably
- Mentor a team of 3-4 engineers through code reviews, technical guidance, and architecture decisions
- Drive product roadmap and technical strategy in agile development cycles

Lead Software Engineer

Sep 2024 – Oct 2025

Algorithm | Peshawar

- Collaborated with CTO on product architecture and technical strategy for scaling the Maktab platform
- Led engineering team, managing development workflows, sprint planning, and feature delivery

Software Engineer II

Nov 2023 – Sep 2024

Algorithm | Peshawar

- Built Maktab from scratch — a school management platform now serving 10+ schools with thousands of students
- Shipped a product that processes 100M PKR annually, handling admissions, fees, attendance, and reporting
- Designed and implemented a complete multi-tenant architecture supporting independent school operations
- Took full ownership, delivering features rapidly while maintaining the production system with ongoing updates

Key Technical Skills

Core Expertise: Next.js (Expert), Node.js (Expert), React.js, Full-Stack Development

Languages: JavaScript, TypeScript

Frontend: Next.js, React.js, React Native, Redux, TanStack Query, Apollo Client

Backend: Node.js, Express, GraphQL, REST APIs, Microservices Architecture, WebSocket

Databases: PostgreSQL, MongoDB, MySQL, Redis, Sequelize, Mongoose

AI Integration: LLM APIs, Voice AI, RAG (Retrieval-Augmented Generation), Function Calling, Vector Databases, AI Orchestration Frameworks

DevOps & Cloud: Git, GitHub Actions, Docker, CI/CD Pipelines, Azure, Koyeb

Architecture: Multi-tenant SaaS, Microservices, System Design, Agile/Scrum, Clean Code Practices

Products Built & Impact

- Smart PMS:** Multi-tenant property management SaaS serving 100+ properties in Germany. Handles bookings, billing, and operations. *Tech: Next.js, Node.js, PostgreSQL, Microservices, Azure*
- Voice AI Platform:** Production voice solution serving properties and businesses with automated voice interactions. Built independently. *Tech: Next.js, Node.js, AI APIs*
- AI Agent Assistant:** Intelligent assistant automating organizational workflows using agentic AI (RAG + function calling) with context-aware responses via vector databases. *Tech: Qdrant DB, Azure*
- Maktab:** School management platform serving 10+ schools with thousands of students, processing 100M PKR annually (usemaktab.com). *Tech: Next.js, Node.js, PostgreSQL, Zustand*

Education

Bachelor of Computer Science and Information Technology

University of Engineering and Technology, Peshawar

Languages: English (Fluent) | Urdu (Native) | Pashto (Native)