

Ashar Nadeem

Software Engineer | Full-Stack, Cloud and AI

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PROFILE

Full-stack software engineer with 3+ years of experience building and deploying multi-tenant web, mobile and AI-powered products (React, Next.js, Django, Python, GCP, Azure). Owns projects from requirements to production, leads small teams and works directly with international clients. BSc Computer Science (FAST-NUCES); IELTS Academic 7.5.

WORK EXPERIENCE

Full Stack Software Engineer

06/2025 – Present

Kaizen Paint Middle East • Lahore, Pakistan (UAE and Gulf markets)

- Rebuilt a 6–7-year-old, largely broken legacy codebase into a multi-tenant auto-refinish platform, now live in UAE bodyshops; owned the architecture end to end through deployment on GCP.
- Engineered an offline-capable web client (Dexie.js, IndexedDB) with secure background synchronisation, keeping bodyshops fully operational during network outages.
- Developed **Kaizen SheetSmith** (Django REST, Next.js, Docker), replacing fragmented MS Word workflows with a versioned, traceable PDF generation system that protects data integrity across regional offices.
- Architected a RAG-based HR-policy chatbot in Microsoft Teams using Azure AI Search, serving 200+ employees 24/7 and cutting inference cost by 50%.
- Built Python data pipelines with the Google Translate API to clean, normalise and parse thousands of rows of multi-column Japanese supplier spreadsheets for production import.

Senior Consulting Engineer

01/2026 – Present

The Ops Lab • Remote (UK company), contract, part-time

- Primary technical contact and consultant for cross-border clients in the UK, Sri Lanka, India and Pakistan.
- Drive MVP development from requirements gathering to production using React, Node.js, Supabase, Vercel and CI/CD pipelines.
- Implemented LLM-powered automation workflows that replaced repetitive operational reporting and deliver synthesised management briefs directly to the CEO.

Software Engineer

03/2025 – 10/2025

CredMinds • Remote, contract, part-time

- Led mobile development of the **Doorly** property app (React Native), consolidating five separate real-estate workflows into one app.
- Built **Ad-Shield**, a document-scanning app that flags fraudulent real-estate listings.

Associate Software Engineer

07/2023 – 03/2025

Oxibit Technologies • Lahore, Pakistan

- Led a team of 5 to design and deploy a HIPAA-aligned telehealth and appointment-scheduling platform (Django, Next.js), owning the architecture through deployment.
- Created a multi-portal learning management system with granular role-based access control for 500+ active users.

EDUCATION

Bachelor of Science in Computer Science (EQF level 6)

08/2021 – 06/2025

FAST National University of Computer and Emerging Sciences • Lahore, Pakistan

- **Computing and AI:** Artificial Intelligence, Deep Learning for Perception, Computer Vision, Data Science, Database Systems, Operating Systems, Computer Networks, Parallel and Distributed Computing, Software Engineering and Testing.
- **Mathematics and theory:** Linear Algebra, Probability and Statistics, Numerical Computing, Operations Research, Design and Analysis of Algorithms.

PROJECTS

Final Year Project: SnapTrace

2024 – 2025

AI-powered person recognition for video surveillance • Team of 3, graded A-

- Designed a tool that finds a person in video by face and by clothing and attributes, returning timestamps and screenshots, to cover cases where faces are hidden or footage quality is poor.
- Trained a YOLOv8n face detector (precision 93.1%, recall 90.8%, mAP@50 94.9%) with FaceNet embeddings for matching; built a Streamlit testing app and a web prototype with authentication and subscriptions.
- Presented methodology and results to a supervisor and faculty panel.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL

Web and mobile: React, Next.js, Angular, Node.js, Django, Django REST, Flask, React Native, Flutter

AI, ML and data: RAG, Azure AI Search, LLM-powered workflow automation, prompt engineering, PyTorch, YOLOv8, FaceNet, data cleaning with Python

Cloud and tools: GCP, Azure, AWS, Docker, Vercel, Supabase, MySQL, CI/CD, Git/GitHub, offline-first apps (Dexie.js), PDF generation (WeasyPrint)

Professional: client communication and requirements gathering, team leadership, explaining technical topics to non-technical users

LANGUAGES

Urdu: native

English: C1 (CEFR), proficient user. Listening C1, reading C2, spoken production C1, spoken interaction C1, writing C1

Certificate: IELTS Academic, 18/10/2026: overall 7.5 (CEFR C1); Listening 8.0, Reading 8.5, Writing 7.0, Speaking 7.0

German: learning towards A1