AASHIR FAROOQ

Software Engineer

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PROFILE

Software engineer with 2+ years of experience shipping production SaaS in TypeScript and Python, covering API design, data modelling, auth, billing, AI integrations and cloud deployment. Has taken products from first commit to production as lead or sole engineer. Applies Clean Architecture, DDD and SOLID to keep business logic testable.

EDUCATION

BS Computer Engineering 09/2020 – 07/2024
COMSATS University Islamabad, Lahore Campus Lahore, Pakistan
Core focus: software engineering, computer architecture, machine learning, IoT and microcontroller programming.

EXPERIENCE

Software Engineer 01/2025 – Present
Scaylar Technologies Lahore, Pakistan

- Delivered five production SaaS products as lead/sole engineer.
- Applied Clean Architecture and DDD in NestJS, Express and FastAPI, with module boundaries enforced by contract tests.
- Built multi-tenant authentication and authorisation with Auth0, CASL, JWT/OAuth and hierarchical RBAC.
- Implemented billing and usage control: Stripe subscriptions, credit ledgers with rollover and expiry, and credit limits.
- Shipped AI features: realtime voice agent and LLM routing (Gemini, OpenAI).
- Handled deployment with Docker, GitHub Actions, AWS, Vercel and Railway.

Associate Data Scientist 09/2024 – 12/2024
Programmers Force | Shufti Pro Lahore, Pakistan

- Trained and evaluated ML models in Python, and used PostgreSQL to analyse data and turn findings into client reports.
- Monitored document-processing traffic and assessed OCR output quality on PII documents using PostgreSQL, Python and Excel, shared findings with LLM engineering teams to improve OCR reliability, and used Google Vision API as a newer OCR strategy.

PROJECTS

Livedab 11/2025 – Present
Multi-tenant event-marketing SaaS and CRM | Core engineer (one of two) | Next.js, MongoDB, Auth0

- 850+ commits on a production platform serving 170+ users across 60+ teams (270+ API routes, 50+ migrations).
- Led a Clean Architecture/DDD refactor to repositories, use cases and Zod validation, unit-tested with Jest.
- Built team/membership management with CASL roles, per-team AI credit limits and admin analytics.

Waxhaw Capital 09/2026 – Present
Document redaction service | Built most of the service | Python, FastAPI, MongoDB, GCP

- Multi-stage detection cascade (regex, deny lists, BERT NER, LLM classification) redacting confidential M&A deal data.
- Encrypted pseudonymisation, a verification gate re-scanning every output, and adapters for PDF, DOCX, XLSX, PPTX and CSV.
- Precision/recall harness (350 pages, 3,107 labels); 135+ commits across backend and Next.js frontend.

Greeta 03/2025 – 04/2026
AI voice production SaaS | Lead engineer, built from scratch | NestJS, PostgreSQL, TypeORM, Stripe, AWS

- NestJS backend (30 modules, 152 endpoints) and Next.js frontend; 1,050 commits.
- JWT/OAuth auth, hierarchical RBAC and a Stripe billing engine with credit ledger and webhooks.
- ElevenLabs TTS and voice cloning, in-browser audio mixing, Docker CI/CD to AWS EC2.

Get More Reviews 07/2025 – 10/2025
Review scorecard and lead generation | 117 commits | TypeScript, Next.js, Supabase

- Parallel review-analysis pipeline (Google, Yelp, Facebook) streamed via Server-Sent Events; GoHighLevel and Meta Conversions API integrations.

SKILLS

Backend: Node.js, NestJS, Express, FastAPI, REST APIs, WebSockets, Server-Sent Events, webhooks
Frontend: Next.js, React, Tailwind CSS, TanStack Query, Zustand, Zod
Databases: PostgreSQL, MongoDB, Supabase, TypeORM, Prisma, Mongoose
Cloud & DevOps: AWS (S3, EC2, SQS), GCP (Cloud Run, Cloud Storage), Vercel, Railway, Docker, GitHub Actions
AI & ML: OpenAI, Anthropic Claude, Google Gemini, OpenRouter, ElevenLabs, Hugging Face
Auth & Security: JWT, OAuth 2.0, Auth0, RBAC, CASL
Integrations: Stripe, Twilio, SendGrid, GoHighLevel, Sentry, Slack
Practices: Clean/Hexagonal Architecture, DDD, SOLID, OOP