

Muhammad Anwar

+92 341 1981148 | anwar16.muhammad@gmail.com | linkedin.com/in/anwar | github.com/Anwar | manwar.tech

EDUCATION

COMSATS University Islamabad

Bachelor of Science in Computer Science

Abbottabad, Pakistan

Mar. 2022 – Feb 2026

EXPERIENCE

Full Stack Engineer

mahv.io

Oct. 2025 – Present

Islamabad, Pakistan

- Shipped full-stack features across MERN and Next.js apps, cutting feature delivery time by ~30% through reusable component libraries and cleaner service architecture.
- Built SEO-optimised, server-rendered pages in Next.js for content-heavy flows, improving Lighthouse performance scores by 20+ points on key landing pages.
- Designed and integrated REST APIs with JWT/OAuth authentication securing 3+ product workflows for paying customers.
- Reduced release incidents by ~40% through CI/CD pipelines on Vercel and AWS with automated testing gates.

Full Stack Developer

Buildmatiq

Oct. 2024 – Aug. 2025

Lahore, Pakistan

- Delivered 10+ production web applications for international clients across e-commerce, fintech, and education domains using React, Node.js, and MongoDB.
- Engineered secure backend services with JWT authentication, RBAC, and modular microservices API design, enabling one codebase to serve 3 separate client tiers without refactoring.
- Deployed and maintained 5+ applications on AWS EC2 using Docker, Nginx, and SSL, achieving 99.5%+ uptime across production environments.
- Reduced deployment time by ~50% by introducing GitHub Actions CI/CD pipelines, replacing manual release processes across all client projects.

PROJECTS

mchatly | *Next.js 16, TypeScript, Gemini API, Pinecone, Redis, Ably, LemonSqueezy*

mchatly.vercel.app

- Architected a multi-tenant AI chatbot SaaS with an end-to-end RAG pipeline using Gemini Embeddings and Pinecone for document grounding, streamed via Gemini 2.5 Flash with custom anti-hallucination safeguards.
- Built real-time human handover via Ably WebSockets, LemonSqueezy subscription tiers with Vercel Cron overages, an analytics dashboard with Redis caching, and an embeddable iframe widget supporting 10+ frameworks.

Smart Chat | *OpenAI API, RAG, Next.js, Node.js, Vector DB, WordPress*

smartchat.pk

- Built a multi-tenant platform enabling businesses to deploy custom AI chatbots trained on proprietary documents, supporting API, hosted UI, QR code, and WordPress embed deployment modes.
- Integrated OpenAI and RAG pipelines for context-aware responses, achieving active deployment across 20+ businesses within the first 3 months of launch.

TradingCharacters | *React, Node.js, Stripe, JWT, Nginx, CI/CD, AWS*

tradingcharacters.com

- Built a full production SaaS platform with Stripe payments, JWT authentication, video modules, quizzes, and progress tracking, increasing user engagement by 25% quarter-over-quarter.
- Scaled application to 500+ registered users with zero-downtime deployments via Nginx and automated CI/CD workflows on cloud infrastructure.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, C++, SQL

Frontend & Backend: React.js, Next.js, Node.js, Express.js, FastAPI, Django, Redux, Tailwind CSS, ShadCN UI, REST APIs, GraphQL

AI, LLMs & Machine Learning: PyTorch, TensorFlow, Hugging Face, LangChain, vLLM, TorchTune, MLflow, RAG, Quantization, Vision Language Models, CUDA, MLOps, Pinecone, Vector DBs

Databases: MongoDB, PostgreSQL, MySQL

Cloud, DevOps & Tools: AWS, Docker, Terraform, CI/CD, GitHub Actions, Nginx, Linux, Bash, Git, Postman