Saqib Ejaz

Senior AI Engineer | GenAI, LLM Agents & RAG Systems

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Summary

Senior AI Engineer with **8+ years** of software engineering experience, currently building **production GenAI systems** at PwC. Builds **LLM agents** with **tool calling** and **MCP**, **RAG pipelines** and AI workflows using **LangGraph**, **FastAPI** and vector + graph retrieval (**Neo4j**), shipped on **AWS** and **Azure** with Docker and Terraform.

Before GenAI, built and led full-stack products for US and European companies (**Python**, **Node.js/NestJS**, **React/Next.js**), including an AI-powered moving platform that completed **5,000+ moves** and computer-vision work at Ultralytics (**YOLOv8**). Production experience with **Stripe** payments, **Sumsub KYC** and API security (**OAuth 2.0**, **JWT**, **HMAC-signed webhooks**).

Work experience

PwC (Czech entity) | Dubai, UAE (Remote)

2025-11 - present

Senior GenAI Engineer (Contract)

- Build end-to-end **GenAI features** with **FastAPI** and **Next.js** automating **CRM migrations of 2M+ records** across **5 enterprise clients**.
- Design **multi-step AI workflows** with LLMs and **LangGraph**, including a **chat assistant** that generates user stories from requirements.
- Engineered **RAG systems** over **40+ repositories (3M lines of code)**, combining **vector retrieval** with a **Neo4j knowledge graph** to return **cited answers**.
- Built **code-analysis** and dependency-mapping services using **async processing** and caching to handle large repositories.
- Apply **responsible-AI** practices (prompt engineering, evaluation, **LLM observability**) before features reach production.
- Deploy on **AWS** and **Azure** with **Docker** and **Terraform**; set **CI/CD**, testing and code-quality standards and mentor engineers through design reviews.
- Received PwC's **Performance Excellence Award** for high-impact delivery.

WeMove Market Inc | Florida, US (Remote)

2024-12 - 2025-10

Senior Software Engineer | Team Lead

- Led development of an **AI-powered SaaS platform** that automates the moving process, from scheduling and routing to logistics.
- Cut average moving time by **25%** and supported **5,000+ successful moves** within six months.
- Built **LLM-integrated automation workflows** and recommendation features for personalized moving assistance.
- Architected **NestJS microservices** on **PostgreSQL** with async pipelines and integrations for payments, notifications and maps.
- Owned architecture and deployments on **AWS** and Heroku with Docker, **Terraform** and CI/CD; led sprint planning, technical reviews and a **distributed team**.

TestGorilla | Netherlands (Remote)

2022-11 - 2024-12

Senior Software Engineer

- Delivered **40+ major features** across backend services and **React** frontends for a high-traffic talent-assessment platform.
- Designed **RESTful APIs** and internal tooling supporting assessment and hiring workflows (**Node.js, TypeScript**).
- Improved application responsiveness with **caching**, optimized data-access patterns and async workflows.
- Built **Elasticsearch semantic search** and configured **hot/cold data tiers** to balance query speed and storage cost.
- Introduced **CI/CD pipelines**, Docker-based environments and **Terraform** infrastructure automation.
- **Mentored junior engineers** and ran code reviews to raise code-quality and testing standards.

Ultralytics | Spain (Remote)

2022-02 - 2022-10

Senior Software Engineer (Contract)

- Integrated **YOLOv8 object detection** into a **Flutter** mobile application.
- Maintained **open-source** and private repositories behind the widely used YOLO computer-vision framework.
- Managed **Python backend services** and **Kubernetes** cluster deployments.

Carma Technologies | Missouri, US (Remote)

2021-04 - 2022-01

Senior Software Engineer | Project Manager (Contract)

- Joined as a **founding engineer** at a US transportation-tech startup; architected major features and wrote **PRDs** and tickets for clients and the team.
- Built a cross-platform **Flutter** mobile app and **NestJS** backend services on **AWS**, including third-party platform integrations.
- Managed a **fully remote team** across CST and EST time zones and ran Agile Scrum as **Scrum Master**.

Devsinc | Lahore, Pakistan **2018-02 - 2021-04**

Software Engineer (Nov 2019 - Apr 2021) | Associate Software Engineer (Feb 2018 - Nov 2019)

- **Tech Lead** for **AlayaCare** (Canada, healthcare): led backend and frontend teams from system design to production for **Secure Messaging**, real-time chat and document sync for care teams (alayacare.com/secure-messaging).
- **Promoted to Software Engineer** in 2019 for client satisfaction and delivery results.
- Built products with **Ruby on Rails**, **React**, **Next.js**, **React Native** and Flutter, including a real-estate web platform.
- Automated deployments with **AWS Elastic Beanstalk** and **CodePipeline**; integrated ATS and CRM platforms.

INSTASOFT | Rawalpindi, Pakistan **2017-01 - 2018-01**

Associate Software Engineer | Junior Data Analyst (Internship)

- Built a **chatbot** using an **encoder-decoder (seq2seq)** neural model.
- Wrote Python scripts for **ML classification and regression** tasks; built small business apps with **Django** and Ruby on Rails.

Education

Government College University, Lahore **2016 - 2020**

BS Computer Science

Skills

GenAI & LLMs: LLM integration (OpenAI, Anthropic), LangGraph, RAG, AI agents, **tool calling**, **MCP (Model Context Protocol)**, prompt engineering, LLM evaluation & observability, embeddings, vector databases, GraphRAG (Neo4j)

ML & Computer Vision: YOLOv8, classification & regression, seq2seq models

Languages & Frameworks: Python (FastAPI, Django, Flask), TypeScript/JavaScript, Node.js (NestJS, Express), React, Next.js, Flutter, React Native, Ruby on Rails

Data: PostgreSQL, Redis, Elasticsearch, Neo4j, MongoDB, vector databases

Cloud & DevOps: AWS (EC2, RDS, S3, Lambda, CloudFront, SQS), Azure, GCP, Docker, Kubernetes, Terraform, CI/CD

Payments & Security: Stripe, Sumsub KYC, OAuth 2.0, JWT, HMAC-signed webhooks

Practices: Distributed systems, microservices, event-driven architecture, Agile Scrum, TDD, technical mentorship

Achievements

- **Performance Excellence Award, PwC**: recognized for high-impact engineering initiatives and platform delivery.

Certifications

- PMI-Agile Certified Practitioner (PMI-ACP), May 2019
- Certification of Mentorship - React.js, Jul 2022