Rashid Faruqui

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PROFESSIONAL SUMMARY

Full-Stack Engineer with 3 years of production experience building and scaling systems on Node.js, Angular, Express, and PostgreSQL. Built and evaluated an LLM-powered movie recommender (RAG, pgvector, FastAPI) and completed the 33.5-hour AI Engineer Core Track. Experienced using AI-assisted development tools (GitHub Copilot) in daily engineering work. Track record of eliminating inefficient workflows and improving system performance by 99% through architectural redesigns.

SKILLS

- **Languages:** JavaScript, TypeScript, Python, Java, SQL
- **Frameworks:** Node.js, Express, NestJS, FastAPI, Angular
- **Databases:** PostgreSQL, pgvector, MongoDB
- **Caching & Messaging:** Redis, RabbitMQ
- **APIs & Architecture:** REST, GraphQL, Microservices, System Design
- **AI Engineering:** LLM APIs, RAG, Embeddings & Vector Search, Prompt Engineering, LLM Evaluation, QLoRA Fine-tuning, Agents, Function Calling, HuggingFace, LangChain, Gradio
- **AI-Assisted Engineering:** GitHub Copilot, AI-assisted SDLC
- **Cloud & DevOps:** AWS (Lambda, S3), Docker, Jenkins, CI/CD
- **Engineering:** Data Structures & Algorithms, Distributed Systems, Git

WORK EXPERIENCE

LRN
Software Developer Associate | Mumbai, India *Mar 2025 - Present*

- Replaced a manual Excel-to-PostgreSQL sync process with an AWS Lambda pipeline, reducing processing time from over 1 hour to seconds (99%+ improvement).
- Leveraged agentic AI tools (GitHub Copilot) across FRD/PRD/TRD-driven development for implementation, testing, debugging, and security validation.
- Architected a scalable micro-frontend layer in Angular, enabling parallel team development and improved maintainability.
- Designed a Node.js synchronization service for real-time course state updates across distributed services.
- Delivered a multi-tenant licensing system enabling client-specific access control across thousands of courses.

LRN
Trainee | Mumbai, India *Oct 2023 - Mar 2025*

- Collaborated with the development team to enhance the existing website and resolve bugs, using AI-assisted tools (GitHub Copilot) to speed up coding and debugging.
- Contributed to APIs and service interfaces consumed by other developers, while gaining hands-on experience with Agile, DevOps, and CI/CD practices.

PROJECTS

CineMatch: AI Movie Recommender (github.com/Rashidraxis/CineMatch)
Tech Stack: Python, FastAPI, PostgreSQL, pgvector, OpenAI API, Angular

- Built a RAG-based movie recommender over 4,000+ TMDB movies, enriching each with LLM-generated mood profiles and storing embeddings in PostgreSQL with pgvector.
- Implemented semantic search with metadata filters and popularity-aware re-ranking, so users can search by mood, plot or actor.
- Designed an LLM query-rewriting layer that turns chat messages into structured filters and mood-style queries, handling follow-ups and topic changes.
- Developed a FastAPI backend and Angular chat UI where every recommendation is verified against the database, with rate limiting and a spending cap.

StreamNest (github.com/Rashidraxis/StreamNest)
Tech Stack: NestJS, GraphQL, Angular, PostgreSQL, Cloudflare R2, FFmpeg

- Built a secure adaptive-bitrate video streaming pipeline using JWT auth, HLS (FFmpeg), and Cloudflare R2 storage.
- Developed a GraphQL API in NestJS using Apollo and Prisma, reducing client-side over-fetching.
- Engineered a high-performance Angular frontend using signals and zoneless change detection.

EDUCATION

Shivajirao S. Jondhale College of Engineering
B.E. in Computer Science, CGPA: 8.13/10 *Aug 2019 - Jun 2023*

CERTIFICATIONS

- AI Engineer Core Track: LLM Engineering, RAG, QLoRA, Agents - Udemy (Ligency, Ed Donner) (Oct 2026)