Rajiv Khurana

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EXPERIENCE

Binary Republik Ahmedabad, India
Software Developer Jul 2024 – Present

- Worked on an enterprise AI-powered search platform similar to Glean, built on FastAPI and deployed on Azure Container Apps, with 60+ data connectors and Claude (Sonnet) handling queries. Added Microsoft Teams as a connector, pulling messages and channel data into the search index. The embedding pipeline was hitting rate limits and getting throttled under load, so implemented retry logic driven by API response headers to handle it cleanly. Also integrated PaddleOCR (PP-OCRv6) into the pipeline to improve retrieval accuracy on scanned documents that the embedder was previously missing entirely.
- Built an AI-powered candidate assessment portal where the exam is generated on the fly based on the candidate's resume and the vacancy description. The system reads both, constructs relevant technical, communication, and aptitude questions, and evaluates answers automatically, so hiring teams get a structured assessment without having to write a single question manually.
- Built an AI-first resource management system that solved the problem of managers having no visibility into team allocation. Resource planning was done manually and was consistently unreliable, so built a system that automated tracking of allocation, planned hours, and leave across fixed-price and support-bank engagements, and gave the team real-time capacity reports they could actually use to make decisions.
- Traced slow query performance in the resource management system back to legacy MySQL stored procedures that were never built to handle real data volumes. Rewrote them with recursive logic, reindexed key tables, and introduced unique identifiers to remove redundant lookups, which brought query execution time down by around 20 seconds on large datasets.
- Built an Azure AD (MSAL.js) OAuth 2.0 integration with PKCE flow across the entire portal suite that replaced a process where every user account was created manually and credentials were sent over plain email. Consolidated everything into a single SSO service, which removed the security risk and cut out a lot of repetitive manual work for the team.

Civica India India
Graduate Trainee Feb 2024 – Apr 2024

SKILLS & CERTIFICATIONS

Languages & Frameworks: C#, .NET, ASP.NET Core, JavaScript, TypeScript, React, Next.js, Vite, SPFx

Cloud, AI & Databases: Microsoft Azure (Container Apps, Cosmos DB), RAG Architecture, LangGraph, MySQL, PostgreSQL, SQL

Microsoft Platform & Tools: Microsoft Power Platform, Power Automate, SharePoint, SPFx, GitHub Actions, SonarCloud

Certifications: OPSWAT Cybersecurity Fundamentals Associate; Python; PHP & MySQL; RDBMS (PostgreSQL)

EDUCATION

Parul University India
Master of Computer Applications (MCA) March 2024

Gujarat University Ahmedabad, India
Bachelor of Commerce (B.Com), Accounting 2021