RAJSHEKAR

raj18p1723@gmail.com ◇ linkedin.com/Rajshekar ◇ Github.com/Rajshekar
Software Engineer — Distributed Systems — Cloud-Native Architect
+91 6362643467 ◇ Bengaluru,Karnataka,India

EDUCATION

B.Tech in Electronics And Computer Engineering, Reva University,Bengaluru 2020 - 2024
CGPA : 8.413 / 10

EXPERIENCE

Software Engineer May 2025 - Present
Thomson Reuters *Bengaluru,Karnataka,India*

- Architected event-driven microservices on AKS processing high-throughput enterprise tax workflows; reduced end-to-end pipeline latency by 20% through LLD optimisation and strict SOLID adherence.
- Cut API response times by 30% via distributed caching (Redis) and async pipeline refactoring in C# .NET Core; REST APIs consumed by React frontends serving thousands of enterprise users.
- Reduced production debugging time by 40% by implementing structured observability using Azure Application Insights + DataDog — centralised logs, traces, and alerting across 8+ microservices and automated CI/CD pipelines (build → test → containerise → deploy), and blue-green and region rollout strategies.

Associate Software Engineer Feb 2024 - May 2025
SafeSend Technologies (Thomson Reuters) *Bengaluru,Karnataka,India*

- Engineered a high-performance Adobe Acrobat plugin in C++ / .NET Core using COM interop, adopted by enterprise tax teams to automate document workflows and delivery.
- Designed async backend services following Clean Architecture — integrated Azure Service Fabric, AKS, Managed Identity, Key Vault, Service Bus, and Azure Function Apps into a unified tax-automation platform.
- Built retry-with-exponential-backoff and idempotent-messaging patterns for Service Bus consumers, reducing message-processing failures by 35% in production.
- Optimised critical SQL queries using EF Core & Dapper, cutting p95 DB query time by 25% across high-frequency reporting endpoints.

SKILLS

Technical Skills :

Languages: C# (primary), C++, Python, Java, JavaScript / TypeScript(Leetcode)
Frameworks & Backend: .NET Core 6/8, ASP.NET Web API, FastAPI, Node.js
Frontend: React, Redux, TypeScript, REST API consumption
AI / ML Tools: RAG Architecture, LangChain, Azure OpenAI, Prompt Engineering, AI Agents
Cloud & DevOps: Azure , Docker, Kubernetes, Helm, CI/CD, DataDog
Database Systems: MSSQL, MongoDB, MySQL, Redis, SQLite — via EF Core & Dapper
Tools & Practices: Git, Postman, Swagger, SOLID, DDD, Observability, Distributed Tracing

PROJECTS

DocMind — Intelligent Document Q&A Engine
Python,FastAPI,Azure OpenAI,LangChain,Cognitive Search · React

- Engineered a RAG (Retrieval-Augmented Generation) pipeline that ingests PDFs/DOCX files, chunks and embeds them into Azure Cognitive Search, and answers natural-language queries with cited page references. Achieved sub-2-second response times with streaming tokens via FastAPI + Server-Sent Events; React frontend renders answers progressively. Designed for enterprise legal/tax use-cases — directly aligned with Thomson Reuters domain knowledge, making it a showcase of applied AI on real-world document types.

LEADERSHIP

- HRC at REVA Hackathon Club: Represented the university in regional and national hackathon events, fostering industry connections and promoting the university's reputation as an innovation hub.