

Milan Rathod

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OBJECTIVE

Senior Software Engineer with 5+ years of experience in .NET and Azure, seeking a senior software engineer, tech lead or AI engineering role where I can apply my experience shipping **production RAG and multi-agent systems** alongside strong backend fundamentals.

SKILLS

Languages: C#, TypeScript, Python, SQL

Backend & Web: .NET 8, ASP.NET Core, Entity Framework Core, ADO.NET, Angular, React, Next.js

AI / LLM: Azure OpenAI, Semantic Kernel, RAG (Azure AI Search, hybrid retrieval), multi-agent orchestration, structured outputs, Langfuse

Cloud & DevOps: Azure (AKS, App Service, Functions, Service Bus, Key Vault), Docker, CI/CD (Azure DevOps, GitHub Actions)

Data: SQL Server, Azure SQL, Cosmos DB, PostgreSQL

EXPERIENCE

Senior Software Engineer, Veloxcore

Jul 2021 - Present | Ahmedabad, India

PMI, multi-tenant hospitality SaaS

Microservices, embeddable UI modules and data sync for a hospitality management platform

Stack: .NET 8, ASP.NET Core, Angular (Web Elements), AKS, Azure Service Bus, SQL Server, ADO.NET

PIA, RAG assistant for the PMI platform

RAG assistant answering from a knowledge base and live platform APIs

Stack: .NET 8, Angular, Azure OpenAI, Azure AI Search (hybrid), Cosmos DB, AKS, ACR, Azure DevOps CI/CD

GST Help Desk, legal RAG application

RAG assistant for GST and tax queries that drafts responses to GST notices

Stack: .NET 8, React (SSE streaming), Azure OpenAI (structured outputs), Azure AI Search, Cosmos DB, App Service, CI/CD

Veloxhire.ai, AI hiring platform

12-agent hiring platform architecture; public site migrated to Astro

Stack: .NET 8, Semantic Kernel, Azure AI Foundry, Azure OpenAI, Astro, Next.js

United Nations, document translation suite

Multilingual document translation and conversion applications

Stack: .NET Framework, ASP.NET MVC, Azure App Service, Azure SQL, CI/CD

Spatial AI inventory POC

Warehouse inventory registration using NFC-based rack geometry

Stack: .NET, Azure OpenAI, Azure Functions, computer vision, NFC

AI enablement (internal)

- Ran internal **AI/LLM engineering workshops** (Claude Code, RAG, QA automation) and built the team's **Claude Code plugin marketplace**
- Set up self-hosted **Langfuse** to track Claude Code usage across the team

PERSONAL PROJECTS

NetScan, legislative amendment extractor

Extracts struck-through and added text from US state bill PDFs

Stack: .NET 8, Python, PyMuPDF, Azure OpenAI, Langfuse, Azure AI Search, Docker

Multi-agent trading analysis

12-agent stock analysis pipeline with bull/bear debate

Stack: .NET 8, Semantic Kernel, Azure OpenAI, structured outputs, web search tool

EDUCATION

B.E. in Computer Engineering, LDRP Engineering College, Gujarat

June 2022 | CGPA 8.5

CERTIFICATIONS

Microsoft Azure AI Engineer Associate (AI-102)

Microsoft Azure Developer Associate (AZ-204)

Languages: English, Hindi, Gujarati