

VIPIN KUMAR

Senior Application Developer | .NET, Azure & GenAI

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Jharkhand, Ranchi / Pune, India

Professional Summary: Experienced .NET Developer with over 5 years of hands-on experience in C#, .NET Core/8, ASP.NET MVC, and Microsoft Azure cloud services. Skilled in designing scalable, secure, and high-performing microservices using RESTful APIs, Azure Service Bus, Cosmos DB, and SQL Server. Specialized in **Generative AI & Agentic AI workflows** (Semantic Kernel, Azure OpenAI, RAG architectures, GitHub Copilot). Proven track record delivering mission-critical applications across Insurance, FinTech, and Food industry domains with an emphasis on CI/CD automation, DevOps best practices, and zero-downtime operations.

PROFESSIONAL EXPERIENCE

Consultant

01/2025 - Present

Capgemini Technology Services PVT. LTD | Pune, India

Global leader in consulting, technology services, and digital transformation.

- Designed and developed enterprise-grade applications using .NET Core/MVC and Microsoft Azure services, enhancing scalability and system functionality.
- Integrated and optimized Azure components, ensuring event-driven and secure communication across distributed microservices.
- Developed RESTful APIs with ASP.NET Core, improving system performance and interoperability while enforcing high code coverage through xUnit tests.
- Enhanced application observability and resolved production bottlenecks proactively via Azure Monitor and Application Insights.
- Led troubleshooting and root cause analysis (RCA) for critical production incidents related to cloud configurations and code defects.
- Mentored junior developers on Azure integration patterns and secure coding standards.

Software Engineer

02/2022 - 01/2025

Cognizant Technology Solutions PVT. LTD | Pune, India

Enterprise software solutions and cloud architecture consultancy.

- Wrote, tested, and maintained applications using C# and .NET framework adhering strictly to Azure's best practices and Well-Architected guidelines.
- Created and managed Azure resources (Storage Accounts, SQL Databases, Key Vaults) and deployed APIs using Azure App Service with high availability.
- Integrated serverless and messaging services including Azure Functions, Logic Apps, and Azure Service Bus for asynchronous scalability.
- Configured automated CI/CD build and release pipelines using Azure DevOps.
- Recognized as **Top Performer (Highest Performance Rating for 2 consecutive years)** and awarded '**Hero of the Company**' for R&D.

DotNet Developer

03/2020 - 02/2022

Outbooks Outsourcing Pvt. Ltd | GuruGram, India

Provider of accounting software solutions and financial platforms.

- Architected data models, modules, and API interfaces for cloud accounting software ensuring adherence to double-entry bookkeeping and ledger principles.
- Designed normalized SQL Server schemas, implemented stored procedures, and eliminated query performance bottlenecks.
- Integrated external financial APIs and payment gateways (TrueLayer, Stripe, PayPal, Instamojo, Unipaas) for automated invoicing and reconciliation.

KEY ENTERPRISE & AI PROJECTS

DocuMind — RAG Engine with Qdrant Vector DB (2026 • Open Source)

Engineered an end-to-end RAG chatbot using .NET 10 Clean Architecture. Integrated Qdrant vector database via gRPC for dense embeddings, semantic PDF chunking, and streaming LLM responses. (github.com/kumarvprn/DocuMind)

Autonomous Enterprise AI Agent Platform (2025 - Present)

TECHNICAL SKILLS

GENAI & AGENTIC AI

Agentic Workflows, Semantic Kernel, Azure OpenAI, Qdrant Vector DB, RAG Architecture, Autonomous Multi-Agents, Prompt Engineering, GitHub Copilot.

CLOUD (MICROSOFT AZURE)

Azure Functions, Azure Logic Apps, Azure App Service, Azure Service Bus, Cosmos DB, Azure Data Factory, Azure Monitor, Key Vault, Redis Cache, APIM, CI/CD Pipelines.

PROGRAMMING & BACKEND

C#, .NET 8 / .NET Core, ASP.NET Core (MVC / Web API / Worker Jobs), SignalR, Entity Framework Core, NHibernate, LINQ, Microservices, xUnit Testing.

DATABASES

Microsoft SQL Server, PostgreSQL, Cosmos DB, Query Optimization, Indexing, Stored Procedures.

FRONTEND & WEB

JavaScript, TypeScript, Angular, HTML5, CSS3, Tailwind CSS, Bootstrap, jQuery, AJAX.

TOOLS & DEVOPS

Azure DevOps, Git, Visual Studio, VS Code, Postman, Service Bus Explorer, ServiceNow.

ACHIEVEMENTS

★ Highest Performance Rating

Ranked top performer for 2 consecutive years in Cognizant Technology Solutions.

🏆 Hero Of The Company

Recognized for exceptional software development, problem solving, and innovative R&D.

CERTIFICATIONS

📜 AI-102: Azure AI Engineer Associate

Microsoft Certified

📜 AZ-900: Azure Fundamentals

Microsoft Certified

📜 OCEAN .NET Core Practitioner

Designed an autonomous multi-agent orchestration layer leveraging Semantic Kernel, Azure OpenAI (GPT-4o), and Cosmos DB. Automated alert log triage (-45% time) and document RAG.

Blink App Community Access Integration (02/2025 - 07/2025)

Developed an event-driven architecture integrating third-party community applications for automated access provisioning using Azure Service Bus, Cosmos DB, and Worker Services.

LDAP to LDAPS Security Migration (10/2025 - 11/2025)

Secured enterprise directory connectivity by migrating to encrypted LDAPS, boosting data security by 30% through certificate-backed TLS authentication.

Azure Data Factory Pipeline Integration (03/2024 - 07/2024)

Integrated ADF to auto-update activity execution status in real-time, delivering complete end-to-end operational visibility across complex ETL stages.

Capgemini Certified

EDUCATION

MCA (Master of Computer Applications)

Subharti University (11/2019 - 04/2022)

BCA (Bachelor of Computer Applications)

Dr C V Raman University (05/2016 - 04/2019)

LANGUAGES

English (Proficient), Hindi (Native)