

Rekha Kulkarni

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PROFESSIONAL SUMMARY

Experienced Software Developer with 8 years of expertise as a Software Developer in the complete software development lifecycle, including requirement analysis, design, development, testing, and deployment. Adept at creating, deploying, and optimizing scalable, customer-focused applications using design patterns such as MVC, Singleton, Factory to enhance code reusability and efficiency. Proficient in modern technologies including **C#, .NET Core, Java, JavaScript**, and **Microsoft Azure**, with a strong focus on Agile and DevOps practices. Experienced in collaborating with cross-functional teams to deliver strategic, innovative solutions. Currently on a **career break** since June 2023, focused on continuous learning and upskilling in modern software design, cloud platforms.

KEY SKILLS

Languages & Framework	C#, .Net Core, .Net Framework, SQL, Entity Framework, JAVA, Javascript HTML5, X-Unit, N-Unit, CSS
Architecture/Coding Practices	Microservices, SOLID principles, Event-driven, Dependency Injection
Cloud Computing Platform	Microsoft Azure (Function Apps, Service bus, KeyVault, Api Apps, Azure DevOps, Application Insight, Azure Active Directory, Cosmos DB), GCP
Methodologies	Agile (scrum), Kanban, Waterfall SDLC
Learning & Collaboration	Mentoring, Code Reviews, Pair Programming, Proactive Learning

WORK EXPERIENCE

Career Break

June 2023 – Present

- Successfully completed multiple professional development courses in **Java, SQL** and **.NET technologies** through **Coursera, LinkedIn Learning** and **Udemy** to stay current with evolving technologies.
- Regularly participated in online coding platforms(e.g. LeetCode and HackerRank) to keep programming and problem solving skills sharp.
- Refreshed and deepened expertise in object-oriented programming, ASP.NET Core, and RESTful API development..
- Explored emerging industry trends in **Microservice architecture, containerization (Docker)**, and **cloud platforms (Azure/GCP)** relevant to modern enterprise applications.
- Maintained a learning schedule to ensure continuous professional development and readiness to re-enter the workforce by reading engineering blogs, participating in coding forums (e.g., Stack Overflow), and following key industry influencers.
- Earned **certifications** in **IBM Full-Stack Cloud Development** and **Foundational C# with Microsoft**, and several others through LinkedIn Learning, showcasing continuous upskilling in cloud, programming, and modern development practices.
- Completed courses including IBM Full-Stack Cloud Developer on Coursera, **Java Masterclass on Udemy**, and **Algorithms & Data Structures from Kal Academy**, strengthening full-stack, Java, and problem-solving skills
- Architected and developed 'Reserve My Game', a web-based game reservation platform
[GitHub - Reserve-My-Game](#)

Cognizant

Associate (Software Engineer II)

June 2018 – June 2023

Worked with an e-commerce client on the Order Management team, contributing to developing new features and platform modernization. Applied critical thinking and strong technical skills to develop scalable solutions, while actively supporting team growth to develop scalable, maintainable software solutions that addressed complex business needs, transitioning monolithic systems to microservices-based architectures leveraging event sourcing. Key responsibilities included:

- Developed and deployed enterprise-grade software applications using latest **.NET versions** Azure Functions, and

- RESTful APIs, ensuring high availability, performance, and user-centric functionality
- Implemented RESTful APIs and integrated them with MS SQL Server and Azure SQL for efficient data storage and retrieval
- Utilized Azure components such as **Cosmos DB, Service Bus, Key Vault, and App Service** to build and maintain services
- Strengthened business acumen by aligning software solutions with organizational goals, participating in stakeholder discussions, and understanding how technology decisions impact operational and strategic outcomes
- Built and implemented a Service Bus Dead Letter Replay Tool, enabling the reprocessing of **1,000+ messages daily**, reducing message recovery time by **50%** and improving system reliability by **30%**
- Designed and developed **RESTful APIs** using **ASP.NET Core**, ensuring high performance and scalability
- Maintained the legacy platform hosted on **Cloud Services** and deploying via the existing pipeline setup using TeamCity and Octopus
- Successfully delivered **5+** services using Azure Active Directory, Azure functions, and Key Vault, enabling stakeholders to adopt new technologies with **100% approval rate**
- Designed and optimized database models, queries, and migrations using EF Core
- Migrated repositories to **GitHub** and setting up **CI/CD** pipelines in **Azure DevOps**
- Leading stand-ups, retrospectives, technical discussions, and story refinement sessions
- Monitored services using Grafana and Application Insights; configured alerts with email and Microsoft Teams notifications for proactive issue resolution.
- Built dynamic and responsive frontend components using **Angular JS**, ensuring seamless integration with backend services and delivering an intuitive user experience
- **Mentored team members** by facilitating discussions on new ideas and best coding practices
- Wrote robust unit tests with N-Unit and X-Unit to ensure code quality and reliability
- Designed, developed, and implemented **SQL scripts, Stored Procedures** to improve system performance.
- Created and optimized complex **queries, triggers, and functions** for efficient data processing
- Containerized applications using **Docker** to ensure consistency across development, testing, and production environments

Accenture

Software Engineer

July 2015 – June 2018

Worked with education domain client and created a Web application using MVC architecture. Key responsibilities included:

- Conducted **use case analysis** to define technical requirements and align solutions with business needs
- Developed **Proof of Concepts (POCs)** leveraging Azure services such as **Active Directory, DocumentDB (Cosmos DB), Application Insights, and Azure Key Vault**, accelerating decision-making for production implementations by 25%
- Incorporated features like authentication, authorization, and JWT tokens to ensure application security in MVC-based projects
- Diagnosed and resolved environment issues, providing technical expertise and actionable recommendations to ensure system stability
- Utilized Entity Framework in MVC projects to manage database interactions, enabling efficient CRUD operations and optimized performance
- Implemented **reusable code libraries**, such as a DocumentDB Core Library, reducing redundant code and cutting development time for new features by **20%**
- Delivered new features using **C#, MVC, and Microsoft Azure**, ensuring adherence to best practices and scalability requirements.
- Participated in structured learning activities including coding forums, online courses and peer code reviews to continually enhance technical skills and stay current with industry trends.

EDUCATION

- **Bachelor of Technology** with specialization in **Electronics Engineering** (August 2012 - June 2015) from VIT, University of Pune, India.
- **Diploma in Electronics and Telecommunication** (August 2009 - June 2012) from Government Polytechnic Ahmednagar, India.