**RAVIKIRAN SODIMBAKAM (Certified Project Management Professional)**

Flat No 111, Aishwarya Bangalore Homes, 2nd Main Road, KPC Layout, Kasavanahalli, Bangalore-560035

[Ravikiran.Sodimbakam@gmail.com](mailto:Ravikiran.Sodimbakam@gmail.com)

mobile: +91 8050177372

**Skills**

C# | .NET Core | ASP.Net Core Web API | MVC| EF Core | LINQ | SQL Server | HTML | CSS | JavaScript| TypeScript | C/C++ | MSSQL| React | Azure Cloud Computing | Azure DevOps | Git | Micro Services | Distributed Systems | Frontend | Backend | Full-Stack | Redis Cache | Jira| CI/CD | Project Management.

**Experience Summary**

* Certified Project Management Professional (PMP)® with 20 Years of experience in software industry. Expertise in development, maintenance, and operations of applications on Windows & Cloud platform.
* <here put all Infy experience as doing SRE for various .Net based Web applications>.
* Over 13 years of experience designing and building complex systems at a large scale, and experienced in architecting and deploying highly scalable, maintainable applications on both on-premises and in the cloud using .NET Core technologies.

**Work Experience**

**Infosys Limited 02/2016 – Current**

Position Title: Senior Consultant

Role: Digital Solution Specialist

* SRE for a highly scalable production Kubernetes cluster
* How SRE can be adopted using AKS.
* Different tools / scripts used for shaping SRE
* Production deployment
* Utilizing blue/green deployment & staging gates for CD
* Incorporating various application performance metrics into CICD pipeline.
* Application scalability based on various KPIs.
* Implementing network security / application security for cloud adoption and avoid DDoS attacks.
* Infrastructure management using IaC
* Architected the application modernization for various on-premises .NET base applications and database to a Azure cloud using [Azure Well-Architected Framework](https://go.microsoft.com/fwlink/?linkid=2220688) utilizing various Azure functionalities like Azure Web App, Azure SQL Instance, Azure Functions, Azure Virtual Network, Azure Gateway.
* Led a cross functional team of 25 members from marketing, engineering, sales to modernize the application from monolithic to microservices architecture for an IoT based application using Azure Kubernetes Service.
* Globally deployed a load-balanced, multi-region AKS environment with more than 50 clusters running and approximately 500 applications and microservices made accessible through APIs.
* Designed and implemented high availability and disaster recovery (HADR) solutions using Azure Site Recovery, and geo-redundant storage solutions.
* Deployed Azure Load Balancer and Traffic manager for distributing network traffic and reduced RTO/RPO by 80%
* Impact: Enhanced the application resiliency & performance and reduced the production deployment time to 30% making developers create new versions as fast as they want and ship new solutions to market in just three months.
* Architected and Implemented platform modernization from on-premises to Azure Cloud migration using Azure VMWare Solution.
* Developed and executed a detailed migration plan including risk assessment, downtime minimization and rollback strategies.
* Impact: With Azure VMware Solution, the company improved performance over its former on-premises solution, and it can bring products to market faster than before.
* Architected a robust authentication, authorization & session/state management for an ASP.Net core Web Application using ASP.NET core Identity for managing user authentication, including registration, login, password recovery.
* Implemented session management using Cookie based authentication.
* Programmed business layer using C#.Net Core, Entity Framework & LINQ.
* Conducted retrospective meetings post-sprint release to gather and implement feedback from team members, driving continuous improvement in delivery processes.
* Managed team performance metrics, including sprint burndown charts, to track and optimize progress for each release cycle.

**Cognizant Technology Solutions 01/2009 to 02/2016**

Position Title: Senior Associate Projects

Role: Senior .Net Full Stack developer – Performance Optimization

* Designed & implemented a Request-Response logging mechanism for ASP.NET application leading to a **30% reduction in error resolution time**.
* Implemented a distributed caching solution using Redis which helped improving application scalability and performance, **reducing server response time by 50%.**
* Programmed in-memory cache management using .Net core APIs for a large investment bank treasury application which helped to **reduce the pricing of trades from hours to minutes.**
* Utilized Domain-Driven Design (DDD) principles in the development of well-structured domain modules, which has significantly improved the maintainability of codebase.
* Build a static code checker that identifies some of the exceptions at Compile time itself.
* Improved CICD pipeline performance for .Net EF framework projects from 50 mins to 10mins by utilizing ignoring feature in VS project for designer files.
* Introduced Blue/Green deployment strategy using Azure DevOps and achieved near zero downtime for deploying the new features into production environment.
* Introduced various quality gates into the CICD process workflow and provided a good quality software product.

**Computer Sciences Corporation (now a DXC Technology) 04/2007 – 12/2008**

Position Title: Engineer Application Development

* Worked on basic frontend tasks such as creating and stylizing HTML/CSS components in Razor.
* Implemented form validation using ASP.NET Core’s Data Annotation to ensure the accuracy of user Input for various .Net MVC Web applications.
* Implemented Soft deletes feature using .Net EF core.
* Assisted with the integration of third-party libraries and APIs into .Net projects following the provided documentation**.**
* Resolved a critical issue in the integration with a third-party service that was blocking the production roll-out for a potential customer. This was accomplished with a one-day turnaround, directly contributing to adding additional LOB.

**Hewlett-Packard Global Pvt Ltd 07/2004 to 03/2007**

Position Title: Software Engineer

Role: C# Developer

* Developed and Implemented data export functionality using C# & ADO.NET for an ASP.NET MVC Web app, enabling report generation in multiple formats such as CSV, Excel, and PDF.
* Contributed to front-end development by designing and styling HTML/CSS components to enhance user interface and experience.
* Contributed to refactoring legacy code to improve readability, maintainability, and overall code quality.

**Education**

University: JNTU Hyderabad

Graduation: B.Tech - Computer Sciences & Engineering, Date: May 2000 - June/July 2004

**Certifications**

* **Project Management Professional (PMP)® from PMI** <https://www.credly.com/badges/40581b1f-f726-4b94-90b8-6cde826f3690/public_url>
* **Microsoft Certified: Azure DevOps Engineer Expert**

<https://learn.microsoft.com/api/credentials/share/en-us/RaviKiranSodimbakam-6785/E3F5251A076A0774?sharingId=832E7EC0C983A85B>

* **Microsoft Certified: Azure Developer Associate**

<https://learn.microsoft.com/api/credentials/share/en-us/RaviKiranSodimbakam-6785/2A39AF84F097BFC1?sharingId=832E7EC0C983A85B>

**Leadership Skills**

* Facilitated weekly team meetings to address project challenges and promote innovative solutions, resulted in a 22% increase in project efficiency.
* Successfully recruited and developed a high-performing team, resulting in a 40% increase in project success rate.
* Directed cross-functional teams in the execution of high-impact projects, consistently delivering results ahead of schedule and under budget.
* Cultivated a forward-thinking culture by promoting continuous learning and development, leading to a 40% improvement in employee retention.
* Proactively identified opportunities for process optimization, reducing operational costs by 15%.