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

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**Skills**

C# | .NET Core | ASP.NetCore | EF Core | LINQ | 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

**Professional Summary**

* Certified Project Management Professional (PMP)® with 20 Years of experience in software industry. Results-driven .NET Cloud specialist with over 8 years of experience designing, implementing and managing cloud-base solutions using Microsoft Azure. Expert in .NET technologies, cloud migration strategies, and infrastructure as Code (IaC). Proven track record of optimizing cloud infrastructure, enhancing application performance and reducing operational cost.

**Professional Experience**

**Infosys Limited 02/2016 – Current**

Position Title: Senior Consultant

Role: Digital Solution Specialist

* Architected and implemented scalable, secure, and high-performance cloud solutions on Microsoft Azure.
* Led a team of developers and engineers to migrate on-premises applications to the cloud, reducing operation costs by 30%.
* Designed microservices-base architectures using .NET Core, resulting in 40% improvements in application performance.
* Implemented CI/CD pipelines using Azure DevOps, reducing deployment times by 50%.
* 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.
* Upgraded a core service to a modern stack and practices, increasing uptime from 97% to 99.99% for the company’s main offering.
* 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%.
* Architected and Implemented platform modernization from on-premises to Azure Cloud migration using Azure VMWare Solution.

**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.
* 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.
* Implemented a fast sales analytics module using multithreading and asynchronous processing to generate Excel report for 500+ downstream interface systems**.**
* Implemented session management using Cookie based authentication.
* Programmed business layer using C#.Net Core, Entity Framework & LINQ.
* 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.

**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.
* 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

* Implemented data export functionality, generating reports in various formats such as CSV, Excel, and PDF
* Worked on basic frontend tasks such as creating and stylizing HTML/CSS components.
* Assisted with refactoring of legacy code to enhance readability and maintainability.

**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>