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

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**Skills**

**Data Engineering on Microsoft Azure |** Azure Fabric | Microsoft OneLake | Microsoft Power BI | Azure Databricks | Azure Data Pipelines | Azure data Insights & Analysis | Azure DevOps | SonarQube | ASP.Net Core |Power shell |ServiceNow| C#.NET | Jira| CI/CD | Project Management | C/C++

**Experience Summary**

* Certified Project Management Professional (PMP)® with 20 Years of experience in software industry. Expertise in development, maintenance, and operations of applications within the capital markets domain, primarily in global service-oriented organizations. Versatile in handling multiple roles and responsibilities.
* 5+ years of experience in implementing scalable data engineeringsolutions on Microsoft Azure, leveraging Azure Data Lake, Azure Data Factory, Azure Synapse, and Azure Databricks to support business intelligence and data science initiatives.
* Over 8 years of experience in consulting, overseeing the end-to-end IT service delivery, from preparing RFP proposal to project execution, for multiple investment banking clients across North America and Europe, supporting the client OTC Derivatives platform applications.
* 7 Years of experience as a Finastra Summit Developer & Analyst, specializing in various Front & Back-office operations and various functional areas of Summit product on both UNIX & Windows environment.
* Expertise in designing & developing efficient, reusable, and reliable backend software using C/C++ on Windows and Linux platform utilizing Boost library, data structures and algorithms.

**Work Experience**

**Infosys Limited 02/2016 – Current**

Position Title: Senior Consultant

Role: Digital Solutions Specialist

* Directed a cross-functional team of 10+ in deploying a Global data management platform, *Data Warehouse* facilitating the integration of structured and unstructured data from diverse sources. Enabled seamless collaboration with data vendors, third-party providers, and internal technologies, optimizing data flow and accessibility across the organization.
* Engineered and deployed scalable ETL pipelines in Azure Data Factory to automate the ingestion of structured and unstructured data from both on-premises and cloud sources, reducing processing time by 50%.
* Developed and implemented scalable data pipelines using Microsoft Azure Databricks to perform complex data transformation and advanced analytics.
* Created interactive dashboards and reports in Power BI, delivering actionable insights to business stakeholders and enhancing data-driven decision-making.
* Designed and implemented data and AI solutions using Microsoft Fabric, optimizing data movement, data science workflows and business intelligence across multiple projects.
* Deployed Data Studio, a low-code platform enabling business users to explore, experiment, and share-data driven insights independently.
* Implemented strong data governance and security measures across data life cycle processes, ensuring compliance with industry standards.
* Designed and implemented Azure Pipelines for continuous integration and continuous delivery, ensuing automated builds and deployments across multiple environments (development, staging and production).
* Utilized YAML pipeline as code to maintain and version the pipeline configurations, reducing manual intervention and improving process transparency.
* Enabled automated testing and code quality checks through integrated tools like SonarQube, thereby increasing the code coverage by 40%, Blackduck for Open-Source Vulnerability Identification, Selenium test scripts for Automated Regression Testing.

* Project 1: Partnered with a global financial services leader to develop *Data Warehouse*, a cloud-native data management platform on Microsoft Azure. Leveraging Azure’s scalability, *Data Warehouse* processes 110 million gigabytes of structured and unstructured financial data with speed and agility. The platform integrated data from diverse sources, offering advanced analytics and insights across organization. Key features include Data Studio, a low-code environment for data exploration, and ESG Data Analytics which utilizes AI and machine learning to enhance environmental, social and governance (ESG) decision-making. This initiative drives innovation in data solutions, unlocking value and optimizing investment management processes.
* Project 2: Client is a Global professional services firms offering a range of services including audit, tax, and advisory services who want to revolutionize its global data analytics by deploying Microsoft Fabric, an AI-driven analytics solution. After successfully implementing Fabric internally, firm now assist clients in designing and managing data and AI solutions on this platform. Microsoft Fabric integrated data movement, analytics, and business intelligence, reducing data load times and simplifying IT operations, with centralized access via Microsoft OneLake. Enhanced by Azure Databricks, Fabric supports complex data transformations and scalable analytics, elevating service delivery and efficiency.
* Project 3: Led the modernization of a UK-based consumer healthcare client’s application landscape as part of their digital transformation initiative. Spearheaded the migration of on-premises services to the Azure Cloud and automated key aspects of the software development lifecycle using Azure DevOps. This involved streamlining CI/CD pipelines, enhancing scalability, and improving operational efficiency. Successfully automated much of the development, testing and deployment process, accelerating release cycles and reducing manual effort.

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

Position Title: Senior Associate Projects

Role: Senior C++ Developer

* Contributed to the design and development of a suite of trading applications on multi-tier architecture, facilitating securities lending activities in Capital Markets. Applications supported security borrows, loans, and REPO trading for the Security Finance division.
* Led the technical upgrade of Summit FT 5.7 from 32-bit to 64-bit on Windows environment, including compilation of Client extensions with updated Finastra patches.
* Deployed customized FT GUI extensions using Click Once deployment for Summit features.
* Applied multiple Finastra (Misys) hotfixes and conducted database conversions to upgrade from lower to higher versions.
* Designed and developed a Gateway Loader Adaptor to automate trade verification processes for OTC trades, integrating with Bloomberg, Reuters, and Deal Tracker Agent.
* Developed a C++ batch processing utility to perform portfolio trade compression and netting for various OTC derivative transactions.

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

Position Title: Engineer Application Development

Role: VC++ & MFC Developer

* Developed Outlook and Excel add-ins to streamline data export into PCLaw software from diverse external sources.
* Enhanced existing features based on client feedback.
* Conducted defect analysis, logging, and resolved issues in C++ modules.
* Implemented backlog items to enhance product functionality.
* Participated in peer-to-peer code reviews, integrating feedback for continuous improvement.
* Managed source code versions using MS-TFS version control system.

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

Position Title: Software Engineer

Role: VC++ & MFC Developer

* Designed and developed a graphical UI to display graphical representations of user actions on Gesture Keyboard devices.
* Enhanced legacy code to incorporate system tray icon functionality into the visual application.
* Created an MSI software installer package for Gesture Keyboard software using InstallShield 10.5 and InstallScript MSI Setup.
* Managed multiple versions of source code using MS-TFS version control system.

**Education**

University: JNTU Hyderabad

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

**Certifications**

1. **Project Management Professional (PMP)® from PMI**

<https://www.credly.com/badges/40581b1f-f726-4b94-90b8-6cde826f3690/public_url>

1. **Microsoft Certified: Azure DevOps Engineer Expert**

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

1. **Microsoft Certified: Azure Data Fundamentals**

<https://learn.microsoft.com/api/credentials/share/en-us/RaviKiranSodimbakam-6785/440E7D2B73550C5A?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%.