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| Name: RAVI KIRAN SODIMBAKAM (PMP)®  Title: Senior Consultant – Digital Transformation – MS .Net Full Stack  mobile +91 8050177372  e-Mail: [ravikiran.sodimbakam@gmail. com](mailto:ravikiran.sodimbakam@gmail.%20com) | |
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| Overall experience (years):19.6 Years | Country/City of Residency: India, Bangalore |
| **Employment Record:**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Name of the Organization | Title | Location | Start Date | End Date | | Infosys Technologies | Senior Consultant | India-Bangalore,  Germany-Frankfurt | Feb-2016 | Till Now | | Cognizant Technology Solution | Senior Associate Projects | Bangalore & Chennai, US-Chicago | Jan-2009 | Jan-2016 | | Computer Sciences Corporation | Engineer – Application Development | Chennai | April-2007 | December-2008 | | Hewlett-Packard Pvt Ltd | Software Engineer | Bangalore | July-2004 | March-2007 |   **Technical Skills:**   |  |  | | --- | --- | | Programming Skills | C#.Net Core, ASP.Net MVC Core, ASP.Net Web API, C/C++ 11, VC++ & MFC, Java, PL/SQL, win32 API | | Platform Skills | Azure Cloud Iaas & Paas, Azure DevOps, Azure API Management, Dockers, AKS, automation, Jenkins CICD | | Development & ALM Tools | Azure Boards, Azure Repos, Microsoft Visual Studio, Jira, Confluence | | CICD Tools | VS Code Analysis, MS Test, Open Cover (AxoCover), MS Build, ELK Stack, Maven, SonarQube, Nexus, YAML | | Source Code MngtTools | TFVC , Git, WinCVS | | Knowledge Areas | GitHub, RedHat OpenShift 4.0, RedHat 3Scale API Management, RedHat Quarkus, MFA, and RBAC | | RDMS Database | Oracle 11g & 12, Sybase 15 | | Software Packaging | NuGet, Install Shield 10.5 |   **Project Management Skills:**   |  | | --- | | Agile (Scrum) & Waterfall SDLC methodology | | Building Customer relationships at the project level by engaging them regularly and be the SPOC to the customer on project related activities, provides regular reports, value articulation, managing expectations. | | Led the estimation activities considering org / unit Q&P goals, review the estimates and communicate to all the stakeholders plan for required budget and resources to successfully execute the project. |   **Certifications**   |  |  | | --- | --- | | PMP | **Project Management Professional (PMP)®** | | Agile | Infosys Certified Agile practitioner | | Cloud Technologies | AZ 400 Microsoft Certified DevOps Engineer Expert  AZ 204 Microsoft Certified Azure Developer Associate  DP 900 Microsoft Azure Data Fundamentals | | |
| Experience Summary:   * Overall, 19+ Years as a software professional involved into multiple roles & responsibilities, focusing mainly on development & implementation of various Windows & Cloud based Web applications primarily for service-oriented organizations. * 8 years of experience as project lead in providing End-to-End IT service delivery for multiple Cloud digital transformation solution projects using Azure platform and other automation tools & technologies. * 5 years of Customer front onsite experience on stake holder engagement & management. * Well experienced in Cloud Native application Design Principles and standard Design Patterns that will help us build resilient, manageable, and observable applications. * Experienced in successfully implementing DevSecOps/DevOps solutions for multiple clients across different technology platforms. * Successfully led a team of 25+ FTE automation engineers and delivered multiple digital transformation solutions. * Well experienced in planning, controlling, executing various IT projects using the traditional Waterfall & Agile-Scrum methodology. * Managed all phases of multiple projects of budget from 1M USD up to 5M USD and completed projects before deadline. * Currently part of Infosys Digital Foundry which aims at providing Low-code, no-code solutions for accelerating the application development process and having the production ready applications in a short period of time. * Key areas worked as part of the digital transformation journey include.   + **Automation of End-End services of IaaS**   + **Agile+DevOps**   + **Azure API Management**   + **Azure DevOps Implementation**   + **Azure Cognitive services using Azure Vision API for Optical Character Recognition.** * 12 Years of experience as a software developer with programming experience on various Windows programming languages like C#, ASP.Net, Visual C++ & MFC, Win32 API, VB. * Extensively worked on CICD tool chains and implement continuous integration (CI) and Continuous deployment (CD) processes and developed custom Jenkins’s jobs/pipelines that contained shell scripts to automate the process of CI, Build & Deploy. * Experienced in designing & developing efficient, reusable, and reliable backend software systems using C/C++ on Windows and Linux platforms. * Good knowledge of Operation management technologies – Log Aggregation, Server Monitoring, Process monitoring, Application monitoring – Nagios, Logstash, Kibana. * Analyzed client business operations, identified requirements, and translated those requirements into product backlogs that are scheduled to be implemented in different Release sprints.   Project experiences:  Currently working as a Senior Consultant for an automation team providing digital transformation solutions for various clients across various domains using DevOps & Azure Cloud platform.  **Infosys experiences**   * **Project #1**   **Title: Azure Cloud Transformation/Migration for major Airlines in Europe.**  **Description:** Airline Customer wanted to move its real-time customer data domain from an aging on-premises datacenter to the cloud. After evaluating several possible routes, the airline’s Customer Hub team chose Microsoft Azure SQL Managed Instance because it satisfied every one of their demanding requirements. Customer want to migrate all their VMWare which run Windows Server and SQL Server workloads into Azure Cloud.  **Role: Azure Cloud Transformation Lead developer**  **Duration: December 2021 to till Today**  **Tools:**   |  |  | | --- | --- | | ALM Tools | Jira, Azure DevOps, | | Tech Tools | .Net 6.0, HTML, CSS, ASP.Net Core, Azure API Management, ASP.Net Web API, [Azure Active Directory (Azure AD)](https://azure.microsoft.com/services/active-directory), Azure SQL Managed Instance, [Azure App Service](https://azure.microsoft.com/products/app-service) , [Azure Data Factory](https://azure.microsoft.com/products/data-factory) |   **Responsibilities:**   * + Responsible for interacting with Onshore PO & Architect’s and understand the business requirement and transform the requirements into Spring backlog items.   + Created a team of 12 FTE with both experience and in-experienced in Azure and used the Microsoft Enterprise Skills Initiative for relevant related training and certifications required for the transformation journey.   + Involved in all the project activities beginning from RFP process, requirements gathering, implementation, and deploying the application into production environment, and handing over the application to operations team.   + Responsible for proposing the various design principles and architecture patterns for implementing the microservice solutions.   + 30 web services are migrated to Azure App Service and continue to access the on-premises database while Azure SQL Managed Instance is being set up and tested.   + One-way data replication is enabled from on-premises servers to Azure SQL Managed Instance using Azure Data Factory together with another third-party tool. The Azure apps are tested with Azure SQL Managed Instance in groups defined by whether they only read data or need write permissions as well, and by the specific tables needed.   + About 60 back-end on-premises applications are tested with Azure SQL Managed Instance using a similar group methodology. * **Project #2**   **Title: DevSecOps implementation for .NET core microservices for a major European cooperative financial institution**  **Description**: Customer is a major European cooperative financial intuition which has its inhouse customer facing web-based legacy Monolithic application developed using ASP.Net Core MVC. Customer wanted to migrate the monolithic application to Microservice based application to cope up with the latest technological trends. With this, the customer intends to realize several benefits in relation to operational and financial outcomes.  **Role: .Net & Microservices (Event Driver architecture) Lead developer**  **Duration: February 2021 until December 2021**  **Tools:**   |  |  | | --- | --- | | ALM Tools | Azure DevOps | | Tech Tools | .Net 6.0, HTML, CSS, ASP.Net Core, Azure API Management, ASP.Net Web API, AKS, ACR, RabbitMQ, Terraform, Docker Host, [Azure Monitor](https://learn.microsoft.com/en-us/azure/devtest-labs/security-baseline), [Azure Active Directory (Azure AD)](https://azure.microsoft.com/services/active-directory), ARM [,](https://learn.microsoft.com/en-us/azure/role-based-access-control/overview)Fortify, Azure DevOps, SQL Server |   **Responsibilities:**   * + My role in this project is mainly of both as a technology lead and into PMO activities.   + Lead the estimation activities considering org / unit Q&P goals, review the estimates and communicate to all the stakeholders and plan for required budget and resources and successfully executed the project.   + Involved in all the project activities beginning from RFP process, requirements gathering, implementation, and deploying the application into production environment, and handing over the application to operations team.   + Responsible for proposing the various design principles and architecture patterns for implementing the microservice solutions.   + Organized multiple workshops with clients in understanding the business requirements and to show case the team capabilities in implementing the solutions.   + Designed the product infrastructure capabilities for Development, Test & Production environment using Terraform.   + Successfully implemented Azure DevTest development approach for rapid iterative development of an [Azure Kubernetes Service (AKS)](https://azure.microsoft.com/services/kubernetes-service) microservice application using *KubernetesLocalProcessConfig.yaml* of Bridge to Kubernetes   + Implemented continuous monitoring using ELK - Heartbeat & Metricbeat tools, and also configured Index patterns for better view of logs in Kibana.   + Guided the team in implementing different Service-level authorization for each microservice more control to enforce access control policies like Policy Administration Point (PAP), Policy Decision Point (PDP), Policy Enforcement Point (PEP), Policy Information Point (PIP)   + Developed ASP.Net Web API services to return JSON & XML format.   + Involved in writing application-level code to interact with API’s, Web Services using JSON & XML.   + Assisted the junior resource in developing multiple microservices using .NET/C# and Web API technology.   + Played a vital role in defining, implementing & enforcing quality practices in the team organization to ensure internal controls, quality & compliance policies & standards. * **Project #3**   **Title: Agile-DevOps Transformation for a European Manufacturing Giant**  **Description**: Customer supplies paint to about 3000 dry dockings (ship refits/ship repairs) per year. Previously, most of the process of capturing, logging and report generation process for docking is manual which was time-consuming. Hence there was no real-time visibility of the docking status to stakeholders, it also used to take a lot of time to generate the report(s). There was a need to digitize the process of post-sales service on dockings to make the process more efficient, productive, and structured.  **Role: Agile Practitioner / Proxy Product Owner (PPO)**  **Duration: February 2018 until December 2020**  **Tools:**   |  |  | | --- | --- | | ALM Tools | Azure DevOps | | Tech Tools | Azure DevOps, C#.Net, ASP.Net MVC, VS Code Analysis, MS Test, Axo Cover, YAML, Terraform, ELK Stack for Continuous Monitoring |     **Responsibilities:**     * + As a proxy PO, I had to interact with actual client PO working at onsite location on a weekly basis in understanding & prioritizing the product backlog and assisted in doing the release planning consider resource utilization.   + Responsible for the creation of Sprint plan along with offshore scrum team and assisting the offshore scrum team in clarifying the PBI’s   + I had created multiple Azure DevOps CICD build & release (deployment) strategies for incorporating the code changes into the different staging environments & production environment in a fully automated process, and thus increased the sprint cycles from 2-week period to 1 week.   + Created Build Pipelines using YAML in Azure DevOps and implemented automatic provisioning of Infrastructure for Test & Staging environments using Terraform.   + Implemented the canary DevOps strategy to achieve software upgrades with zero downtime.   + Achieved 70% reduction in application upgrade effort and 50% increase in Resource Management. * **Project #4:**   **Title: Azure DevOps Automation for .NET-based Engineering Applications**  **Description:** Azure DevOps automation for .NET-based engineering applications for   a Swedish- Swiss MNC dealing in robotics, heavy electrical equipment, and automation technology.  **Role: DevOps Lead**  **Duration: May 2017 until December 2017**     |  |  | | --- | --- | | **PMO Tools used** | JIRA, Confluence. | | **Tech Tools used:** | Azure DevOps, ASP .Net MVC, Visual Studio, VS Code Analysis, MS Test, Axo Cover, IIS Server |   **Role:** Azure DevOps Lead  **Responsibilities:**   * + Responsible for the creation of CI & CD pipeline strategies Implemented the project ALM using Azure Board.   + Successfully Implemented Azure CI-CD pipelines for Stage and Production environments.   + Created CI pipeline using Microsoft hosted agents for ASP .Net applications. Developed CD pipeline for deployment into IIS Server using Deployment Groups.   + Implemented Deployment Pool and shared one agent across all projects for deployment.   + Developed Azure Boards and Dashboards for tracking app migration progress and reporting.   **Solution Benefits**   * + ~40% reduction in deployment time using Azure CI-CD pipelines.   + ~15% effort reduction in tracking & reporting application migration status. * **Project #5:**   **Title: Azure Cognitive Services - Computer Vision for POD Management.**  **Objective:** Develop business decision support application for client’s Supply Chain Dept. Integrate it in client’s in-house IT systems.  **Description:** Proof of Delivery or POD document is an important document in logistics signed by the recipient to confirm the delivery of goods in a good condition. • Proof of delivery document helps to prevent the misunderstandings between the customers and business, it saves time. It always prevents any conflicts later-on. • It takes weeks to get the POD processed by ops team and make it available to end customers. Delays in Payment.  **Role:** C#.Net & Azure Developer  **Duration: March 2016 until March 2017**   |  |  | | --- | --- | | **PMO Tools used** | JIRA, Confluence. | | **Tech Tools used:** | SharePoint Online, ASP.Net, C#.Net , Microsoft Azure Components (Azure Vision API, Azure Service Bus, Azure Blob Storage, Azure Key Vault, and Application Insights) |   **Responsibilities: Implemented various OCR windows services built using C# and .Net Framework 4.7**   * + DMS.OCR.Vision.Service – This is the C# windows service project which creates, builds and starts the service and handles the control to the Business Layer of the project.   + DMS.OCR.Vision.BL - Most of the logic is coded here. This project is written as a Class Library and acts as a bridge between the Data Layer and the Service Console Application. Dependency Injection is used here which is injected into the constructor and is resolved using Unity.   + DMS.OCR.Vision.Data – This is Class Library project which contains all the Manager classes related to GhostScript, VisionAPI, Azure and ESB. All the data transactions between these components are looked after here.   + DMS.OCR.Vision.Interfaces – This is a Class Library project which defines all the Interfaces that needs to be implemented by the Data project in the application.   + DMS.OCR.Vision.Models - It defines all the entities that the application will require such as a Document Detail entity which will contain document information and will be used throughout the application.   **Solution Benefits**   * + 98- 99% processing success rate.   + 73 languages are supported for printed text.   + Able to provide a confidence score for text lines and words with location.   + Supports extracting both printed and handwritten text in the same image or document.   + Available for on-premises deployment as Distroless Docker container.   **Work experience in other organizations**   * **Project Title: Capital Markets - Trade Life Cycle Product Management**   Client: Various Investment banks across North America & Europe  Role Senior C++ Developer & L3 production Support  Environment C++ & ASP.Net, Visual Studio, Oracle, Control-M  Duration January 2009 until January 2016  Accomplishments:   * Handled design & implementation of various C++ standalone utilities for the maintenance of BAU for the bank operations & regulatory changes. * Successfully migrated a bank in-house VB Treasury related application into an ASP.Net MVC application. * Responsible for bug fixes and various enhancements raised by L1 Production Support team. * **Project Title: PC Law - Legal Case Management Software with Integrated Billing and Accounting**   Client Lexis Nexis  Role C++ Developer  Duration April 2007 Until December 2008  Environment C++, VC++ & MFC, Windows, Oracle  Tasks:   * Developed various C++ DLLs & EXEs supporting the existing application. * Developed a system tray icon feature using VC++ & MFC framework as additional functionality. * Responsible for bug fixes and various enhancements to existing C/C++ legacy code. * Maintained different version of source code using MS-TFS version control system. * **Project Title: Gesture Keyboard**   Client Hewlett-Packard Labs India  Role C/C++, Win32API Developer  Duration July 2004 Until March 2007  Environment C++, Win32, Visual Studio  Responsibilities:   * Designed & developed various C++ classes using C&C++ programming language. * Assisted for senior developers in testing the code Developed various Win32 console applications using C/C++ & Win32APIs * Implemented bug fixes /enhancement to legacy code. | |