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| Name: RAVI KIRAN SODIMBAKAM (PMP)®  Title: Senior Consultant – Digital Transformation & Web Development – 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):19.11 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 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 (Apojove), MS Build, ELK Stack, Maven, SonarQube, Nexus, YAML | | Source Code MngtTools | TFVC , Git, WinCVS, Azure Repos | | 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, 19.11 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. * 4+ years of experience as Release manager building an automated platform for deploying container images Azure Container Registry, and then into IoT enabled head unit computer in a car’s dashboard. * 9+ 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. * Developed a client in-house dashboard tool to monitor the traffic load on various application servers. * <any power BI data visualization tool> * <Write some SRE points indicating how you handled some important production related workload> * <any scripts created for performance metrics > * <write how many number of customers> / <how much workload or downloads > * <amount of data > * <any catching points related to performance improvements / caching techniques> * <put some points indicating how you created/generated revenue with your solution> * 15 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 implemented continuous integration (CI) and Continuous deployment (CD) pipelines 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 Operations monitoring technologies – Log Aggregation, Server Monitoring, Process monitoring, Application monitoring – Nagios, Logstash, Kibana. * 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. * 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.** * 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 Azure Cloud platform & DevOps.  **Infosys experiences**   * **Project #1**   **Title: Container-driven cars “Azure Container / AKS” implementation for developing Connected Cars Platform for a major German automobile company.**  **Description**: Customer is a major European automotive company where they want to modernize the way in-car software was developed. With the help of Azure Container & AKS platform developers create new versions as fast as they want and ship new solutions to market in just three months. The head unit computer in a car’s dashboard runs the infotainment system, and this software was flashed as a monolith when a vehicle rolled off the factory line and changes to this software typically required recertification and requalification of the whole monolith—a time-consuming process, involving rigorous QA and physical test drives. Having these limitations with monolithic system, customer wanted to decouple the app smaller microservices based architecture and develop workflows for the release management cycles of the base system and vehicle.  **Role: Azure DevOps Release Manager**  **Duration: Jun 2020 to till Today**  **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:**   * + Implemented CICD pipeline for automating deployment of new code changes into the IoT devices.   + Created YAML CI pipelines to generate the .Net microservices container images and push into Azure Container Registry   + Created YAML CD pipelines to deploy the container images into AKS clusters.   + Implemented the software quality gates using MS stack tool to identify the technical debt & code smells in the code and integrated into CI pipeline static code analysis.   + Implemented the infrastructure provision using Azure DevOps Release pipelines for various test, pre-prod environments automatically in CICD process.   + Created Azure Test Plan to automate the unit testing of code changes at early stage into the CI pipeline.   + Developed scripts for automated security monitoring   + Monitored & Measured various KPI’s related to Release process like Percent of release success rate, Percentage of Escaped Defects, Defect Density, Number of Releases, Deployment Duration.   + Implemented Code coverage using .Net specific open-source tool Axo Cover for all the .Net microservices   + Automated the entire build process from code compilation to deployment to pre-prod server to Production server.   + Integrated various functional & performance testing into CICD pipeline at pre-prod stage to validate the final product before moving into the production environment.   + Implemented Feature toggle to switch on-off the product features based on customer feedback * **Project #2**   **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 #3:**   **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 #4:**   **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. | |