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Rakesh Sharma

Summary	• Acted as a Subject Matter Expert to the organization for cloud end-to-end architecture, including AWS and Azure, provisioning and management. • Demonstrated knowledge of cloud architecture and implementation features. (OS, multi-tenancy, virtualization, orchestration, elastic scalability) • Leadership and mentorship experience with diverse teams across the globe supporting production workloads. Managing project deliverable and setting expectations to the management. • Drove scope definition, requirements analysis, functional and technical design, application build, product configuration, unit testing, and production deployment for Microservices model. • Ensured delivered solutions meet/perform to technical and functional/non-functional requirements. • Provided technical expertise and ownership in the diagnosis and resolution of an issue, including the determination and provision of workaround solution or escalation to service owners. • Understanding security policies and implementing them in a cloud environment using DevOps practices. • Migrating legacy apps to Containers using Azure Service Fabric. • Logging and Monitoring using Azure OMS/Log Analytics/MMA. • Extensive background in Cloud Computing, DevOps and Infrastructure Automation using Code. • Experienced in working with Serverless framework and created various assets on Azure and AWS for various services on NodeJS and Typescript. • Reusable asset creation with development of Cloud (AWS and Azure) agnostic SDKs. • Strong skills and experience in Source Control, Defect Tracking and industry best Software Development Life Cycle practices. • Experienced and comfortable working in both tight-knit collaborative environments and in completely independent environments with no supervision.
Experience	Currently working for Accenture from April 2014 till date. Worked for Angel Broking from Oct 2010 till April 2014 Worked for Evision Technologies from April 2010 till Oct 2010 Worked for Smart Infocom from July 2007 Till April 2010

Experience Summary

Duration	Mar 2018 – present
Project	Azure SF Platform and App migration Windows Containers
Client	Accenture CIO
Technology	MS Azure, Docker, Windows Containers, Service Fabric Orchestrator Azure DevOps and Octopus deploy
Description	Application migration to a shared cloud platform in Azure Service Fabric. The initiative required planning, designing and building platform to host the Windows Containers. The challenge was to collaborate with multiple teams and create an architecture that adhered to the standards and also to enable the application teams to use the platform.
Role	1. To build a secure, Accenture compliant deployment platform to host Windows Containers on Azure. 2. To create PoCs to validate the windows containers. 3. Build SF clusters using ARM templates, configure OMS, Log Analytics and Hardening. 4. Containerize pilot applications using Dockers and deploy on Azure Service Fabric platform. 5. Implement resource governance and autoscaling on application containers. 6. Build DevOps CI-CD pipelines to make the deployments seamless. 7. Monitor and maintain the service fabric clusters, nodes and applications on them. 8. Create documentation for the work.

Duration	Jan 2015 - Mar 2018
Project	Azure/AWS Serverless Cloud agnostic SDK
Client	Accenture CIO
Technology	TypeScript, NodeJS
Description	Create Azure and AWS SDKs for enterprise applications. These reusable assets (REBAR) had the SDKs, Unit-Test framework (Jasmine), Code coverage and Code Analysis, CI/CD using Azure DevOps/AWS Code-pipeline. The entire architecture was planned around rendering the MicroServices model in place of monolithic applications.
Role	1. Architecting the AWS and Azure CRUD SDKs for Accenture CIO. 2. Responsible for complete product development lifecycle. 3. Interact with the client and provide the effort estimates for the releases. 4. Managed from Requirement gathering, Leading Development Team & communication across all the stakeholders. 5. Used Agile Scrum methodology. 6. Reviewing the build and creating rollout plans for deployment. 7. Creating video tutorials and materials to enable teams on AWS and Azure Cloud services on IaaS and PaaS services. 8. Managed product warranty support and maintenance for the teams that used the SDK developed by my team.

Relevant Project Experience	
Duration	April 2014 – Jan 2015 (Accenture)
Project	Automation Framework for Point of Sale Application
Client	BestBuy (USA).
Technology	Visual Studio Team System, CodedUI, MS Excel, Microsoft Test Manager.
Description	Objective of Project is to develop An Automation framework to test POS Application
Role	1.Coding in C# and Record different events using CodedUI. 2. Develop different test script in MS Excel.

Education

MCA (Computer Science) from ICFAI University, in 2006 with GPA: 7.7

PERSONAL DETAILS

Data of Birth: 20th November 1980

Nationality: Indian

Languages Known: English, Hindi