

## SOLUTIONS ARCHITECT-SENIOR DEVOPS ENGINEER-MANAGER

Distinguished Digital & Technology Solutions Architect with 9+ of profound experience in IT consulting and delivery, showcasing an expansive track record in Enterprise Technology Architecture across Cloud, Application, Integration, Security, and IT Strategy. My professional journey is underpinned by a solid foundation in software engineering and development, evolving into a leadership role where I have successfully architected and led teams of DevOps engineers towards innovative solutions and strategic enterprise objectives. I pride myself on exceptional communication skills, which have been crucial in eliciting business requirements and cultivating strong, collaborative relationships with stakeholders at all levels. My approach to project management is agile and adaptive, prioritizing tasks effectively to align with Agile Sprint cycles, thereby ensuring timely and impactful delivery of technology solutions. Developed and delivered comprehensive Azure workshops and training programs, empowering teams to leverage the full Potential of Azure Cloud Services. AZ- 305, AZ-104, Databricks Associate. Expertise in high-level Azure architecture, encompassing UI, APIs, middleware, storage, microservices, security, and infrastructure/networking. Skilled in cloud product evaluation, system analysis, and delivering technical recommendations. Eager to leverage extensive experience to optimize your cloud journey. Paving new paths for AI/ML journey. Expert in HLD and LLD. Experience in utilizing CAF and WAF. Networking and Open Source.

### Technical Stack

DevOps Automation | Continuous Integration/Continuous Deployment | Infrastructure as Code | Configuration Management | Docker and Kubernetes | Cloud Computing | Pre-Sales | Scripting | Virtualization Technologies | System and Network | ETL | Security | Monitoring and Logging | Solution Architecture | Cloud Migration | ARM | Python | Microservices Architecture | DevSecOps | Serverless Computing | Identity and Access Management | Azure Data Services | Performance Optimization and Scalability | Finance | SRE | Big-Data | Databricks | Azure Cognitive Services | Design and Implementation | Workshops | Python | .NET |

### KEY ACHIEVEMENTS

- Achieved a cost savings of over \$1.75M by optimizing infrastructure and simultaneously enhancing system performance; collaborated with and coordinated efforts among 50+ internal stakeholders, engineers, data scientists, and cloud platform engineers.
- Professionally managed the development of a robust Cloud platform, leveraging Microsoft Azure architecture.
- Oversaw 100% of existing Azure Cloud environments, ensuring efficient automation, monitoring metrics, CI/CD, and migration and SSO (single sign on) implementation.
- Ensured the professional creation and updating of 100% of project documentation, covering design, development, and deployment.
- Took ownership of and maintained 100% of configuration and release management governance.
- Spearheaded the establishment of 100% of code repositories in GitHub and implemented automated CI/CD pipelines for all product lines and defined branching strategy, permissions, and access management for 10+ engineering teams, maintaining streamlined workflows.

### WORK EXPERIENCE

#### SOLUTION ARCHITECT AND SENIOR OPERATIONS LEAD, LONDON



Peoples Partnership, May 2023-December 2023

- Led involvement in diverse customer projects, spanning from new infrastructure builds and migrations to audits and big data initiatives, ensuring optimal Azure Cloud solutions implementation.
- Provided expert assistance in pre-sales activities, contributing to customer proposal writing by leveraging comprehensive knowledge of Azure platform capabilities and best practices.
- Employed best practices to design customer environments, incorporating advanced Azure architectural patterns to meet specific business requirements and drive efficiency.
- Executed configuration management infrastructure setup, ensuring seamless integration of Azure services and adherence to industry standards and compliance regulations.
- Proficiently implemented Azure DevOps pipelines, Azure Kubernetes Service (AKS), and Azure SQL Database on.
- Offered insightful design recommendations to technical teams, drawing on solid engineering background and hands-on experience, while overseeing project lifecycle from inception to release, ensuring alignment with customer goals and continuous improvement.

- I also enabled Azure Security Center for continuous security monitoring and compliance checks.

## **SOLUTIONS ARCHITECT, LONDON**



HSBC, March 2022-December 2022

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- Leveraged Azure Key Components, including Azure Data Factory, Azure Logic Apps, and Azure Power BI, to optimize workflows, dashboards, and reports, driving a 60% increase in operational efficiency on Dynamics 365 CRM.
- Engineered complex applications on the Microsoft Dynamics CRM platform with seamless integration with Azure services such as Azure Blob Storage, Azure SQL Database, Azure Functions, Azure Cosmos DB, and Azure Cognitive Services, enhancing system functionality and user experience
- Directed a team of DevOps engineers, implementing Azure DevOps tools and services such as Azure Pipelines, Azure Boards, and Azure Repos, resulting in a remarkable 95% reduction in system downtime
- Utilized Infrastructure as Code (IaC) tools including Azure Bicep and Terraform, along with containerization technologies, to build and manage secure and scalable cloud infrastructure aligned with Azure best practices.

## **TECHNICAL LEAD, LONDON**



Accenture, October 2021-January 2022

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- Led migration of legacy projects and centralized VCS source code repository to Accenture DevOps platform and Bitbucket respectively, optimizing collaboration and version control processes
- Spearheaded the creation of CI/CD pipelines in Jenkins, streamlining software build and deployment processes
- Provided comprehensive training to team members on new tools and processes, ensuring smooth adoption
- Successfully deployed containerized applications on Serverless Cloud Platform (AWS ECS Fargate) and conducted POCs on GKE & Cloud Run for evaluation
- Automated AWS resources deployment using CloudFormation for consistent and reliable infrastructure provisioning
- Conducted Proof of Concepts for emerging technologies, enabling informed decision-making and efficient resource allocation
- Set up AWS Code Pipeline for CI/CD of full-stack app deployment on EC2 instances, aligning with best practices for efficient software delivery.

## **AZURE ARCHITECT, INDIA**



Big Data Marketers, March 2020-August 2021

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- Collaborated with clients and end users, eliciting requirements, and delivering solutions in public cloud
- Utilized configuration management, CI/CD, and DevOps processes to meet technology needs, deriving a significant improvement in system efficiency and reliability
- Developed Infrastructure as Code and CI/CD pipelines, streamlining the deployment process and reducing application delivery times by 30% for public cloud services.

## **DEVOPS ENGINEER/TRAINER, INDIA**



Teleperformance, December 2017-February 2020

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- Implemented hands-on experience with Azure DevOps, Azure Portal Overview, Azure DB and Azure Data Factory
- Developed comprehensive technical, industry, and functional knowledge, boosting sales revenue
- Played a key role in defining cloud technology roadmaps and solutions, driving alignment with business objectives, and paving the way for the successful execution of cutting-edge technologies.

## **DEVOPS ENGINEER, INDIA**



Big Data Marketers, August 2014-November 2017

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- Executed robust security measures and monitoring solutions to fortify system integrity

- Optimized infrastructure scalability by implementing Docker and Kubernetes for container orchestration, providing a more flexible and scalable environment
- Drove the enhancement of Infrastructure as Code (IaC) principles, utilizing different tools to skillfully define and manage infrastructure.

## **EDUCATION**

**University of Agra (India) | Masters 2015-2017**

## **CERTIFICATIONS**

- Microsoft Certified Azure Solution Architect Expert (AZ-305)
- Databricks Certified Data Engineer Associate
- Microsoft Certified Azure Administrator Associate (AZ-104)
- Databricks Lakehouse Fundamentals
- Microsoft Certified Azure Fundamentals (AZ-900)
- Azure AI skills Challenge 2024

**University of Agra (India) | Bachelors 2011-2014**

- Databricks Certified Generative AI Fundamentals
- Microsoft Certified Data Fundamentals (DP-900)
- Data Engineering Fundamentals with Databricks
- Microsoft Certified Security and Identity Fundamentals (SC-900)
- Microsoft Certified Dynamics 365 Fundamentals (CRM) (MB-910)