

SOLUTIONS ARCHITECT-SENIOR DEVOPS ENGINEER-MANAGER

Distinguished Senior Digital & Technology Architect with a decade 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 as architect 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.

Confluence I possess a deep understanding of a wide range of Azure services and certifications including AZ-305, AZ-104 Databricks Data Engineer Associate, enabling me to serve as a trusted advisor in Cloud Solution Architecture and Migration. Developed and delivered comprehensive Azure workshops and training programs, empowering teams to leverage the full Potential of Azure Cloud Services.

Technical Skills

DevOps Automation | Continuous Integration/Continuous Deployment | Infrastructure as Code | Configuration Management | Docker and Kubernetes | Cloud Computing | Pre-Sales | Scripting | Virtualization Technologies | System and Network 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 | Load Balancing | Design and Implementation |

PROFESSIONAL SUMMARY**Solution Architect and Senior Operations Lead | May 2023 – December 2023
Peoples Partnership (London, UK)**

- **Project Participation:** 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.
- **Pre-Sales Support:** Provided expert assistance in pre-sales activities, contributing to customer proposal writing by leveraging comprehensive knowledge of Azure platform capabilities and best practices.
- **Design Excellence:** Employed best practices to design customer environments, incorporating advanced Azure architectural patterns to meet specific business requirements and drive efficiency. Major technical expertise included proficiency in Azure Active Directory, Azure Virtual Networks, Azure Security Centre, and Azure Cosmos DB.
- **Implementation Mastery:** 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.
- **Strategic Advisory:** 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.
- **Led a high-performing team** of 9+ Cloud and DevOps Engineers, leveraging Azure components including Azure Virtual Machines, Azure App Services, Azure Key Vault, and Azure Monitor.

**Solutions Architect | March 2022 - December 2022
HSBC (London, UK)**

- **Hands-On Technology Projects:** 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.
- **Big Data Architecture & Azure Integration:** 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.
- **DevOps Leadership & Performance Optimization:** 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.
- **Collaborative Design & Scalable Infrastructure:** 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.

**Lead Architect | October 2021 - January 2022
Accenture (London, UK)**

- **Migration & Integration:** Led migration of legacy projects and centralized VCS source code repository to Accenture DevOps platform and Bitbucket respectively, optimizing collaboration and version control processes.
- **CI/CD Pipeline Implementation:** Spearheaded the creation of CI/CD pipelines in Jenkins, streamlining software build and deployment processes. Established external slaves/agents to Jenkins master for enhanced scalability and performance.
- **Training & Documentation:** Provided comprehensive training to team members on new tools and processes, ensuring smooth adoption. Created documentation for both existing and new processes to facilitate knowledge transfer and consistency.
- **Cloud Deployment & Automation:** 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.
- **Innovation & Research:** 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.



Lead Azure DevOps Engineer | March 2020 - August 2021 **Big Data Marketers (India)**

- Collaborated with clients and end users, eliciting requirements, and delivering solutions in public cloud.
- Utilised 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 | December 2017 - February 2020 **Teleperformance (India)**

- 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 | August 2014 – November 2017 **Big Data Marketers (India)**

- 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 skilfully define and manage infrastructure.

Project 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.
- 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.
- Worked closely with architects, senior engineers, and the engineering manager to define effective release management processes.
- 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.

EDUCATION

University of Agra (India) | Masters 2015-2017

University of Agra (India) | Bachelors 2011-2014

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)

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)