

SOLUTIONS ARCHITECT-SENIOR DEVOPS ENGINEER-MANAGER

Accomplished Solution Architect, Consultant, and seasoned Senior DevOps Engineer with a robust 9-year tenure, blending professional excellence with hands-on technical expertise. My journey spans over 6 years of specialized experience in technical customer-facing roles, focusing on Cloud Computing, GenAI, DevOps and Data Engineering within the banking vertical sector. I have seamlessly transitioned between pre-sales and post-sales engagements, nurturing strong client relationships, and delivering impactful solutions.

Proficient in crafting compelling narratives and aligning agendas with strategic interests, I excel in addressing customer inquiries and driving tangible outcomes. My ability to independently deliver technical propositions, pinpoint customer pain points, and articulate areas of business value has solidified my reputation as a trusted advisor.

In addition to my strong interpersonal skills, I bring a wealth of technical proficiency, understanding the programming in Python, Java, and Scala, and a deep understanding of core Big Data Analytics domains. My experience includes orchestrating comprehensive infrastructure transformations in cloud environments (Azure Expert, AWS Associate), optimizing CI/CD pipelines, and championing containerization for scalable application deployments.

Core Competencies Include:

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 | Spark |

PROFESSIONAL SUMMARY**Operations Lead DevOps & Solution Architecture | May 2023 – December 2023****Peoples Partnership (UK)**

- **Technical Customer Engagement:** Leveraged 2-3 years of technical customer-facing experience within Data Science/GenAI/ML or Data Engineering in the banking sector to engage clients effectively. Crafted narratives, addressed inquiries, and aligned agendas with strategic interests, yielding tangible outcomes.
- **Solution Development & Communication:** Independently delivered technical propositions, identified customer pain points, and communicated business value areas using Python, Java, or Scala. Bridged technical complexity with business objectives to develop a trusted advisor skillset.
- **Advanced Data Analytics Integration:** Demonstrated knowledge in core Big Data Analytics domains with exposure to major cloud platforms (AWS, GCP, Azure). Integrated solutions to inform architecture decisions, ensuring scalability and efficiency.
- **DevOps Leadership & Optimization:** Orchestrated and led a high-performing team of 9 DevOps engineers, achieving a 17% increase in project execution efficiency. Spearheaded optimized DevOps practices, resulting in a 30% acceleration in software delivery timelines.
- **Cloud Infrastructure Management:** Designed, implemented, and managed Azure cloud infrastructure, enhancing system reliability. Utilized Infrastructure as Code tools and containerization for automated deployment and monitoring solutions.
- **Release Management & Deployment:** Directed error-free deployments aligned with project timelines. Proficiently designed, implemented, and maintained APIs, contributing to system responsiveness.

**Senior DevOps Engineer | March 2022 - December 2022****HSBC (UK)**

- Headed the development of efficient workflows, business process dialogs/rules, dashboards, charts, and wizard-based reports, boosting operational efficiency.
- Engineered complex applications on the Microsoft Dynamics CRM platform with Azure integration, achieving a good enhancement in system functionality and user experience.
- Led a team of DevOps Engineers, affirming day-to-day operations met all Key Performance Indicators (KPIs) and Service Level Agreements (SLAs), yielding a reduction in system downtime.
- Collaborated on architectural design implementations to meet software, hardware, security, and network requirements, establishing a scalable and secure foundation for future developments.

**Lead DevOps Engineer | October 2021 - January 2022****Accenture (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

- 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

- 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

- 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.

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)

Microsoft Certified Azure Administrator Associate (AZ-104)

Microsoft Certified Dynamics 365 Fundamentals (CRM) (MB-910)

Databricks Lakehouse Fundamentals

Microsoft Certified Security Compliance and Identify Fundamentals (SC-900)

Databricks Certified Data Engineer Associate

Microsoft Certified Azure Fundamentals (AZ-900)

Microsoft Certified Data Fundamentals (DP-900)