# Arnab Dey

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## Summary

Senior Cloud DevOps Engineer with 8+ years of experience in public cloud environments (14+ years in IT). Proven expertise in optimizing CI/CD pipelines for high-quality deployments on public and hybrid cloud platforms. Strong problem solver with a focus on performance monitoring, cloud security, and promoting DevOps best practices.

* Skilled in Azure DevOps, Jenkins, Kubernetes, Docker, GitHub, GitHub Actions, Ansible, and Terraform.
* Proficient in scripting with Bash, Python, and PowerShell for automated infrastructure management.
* Experienced in the SAFe framework and Product Owner roles, aligning product vision with stakeholder needs.

## Core Skills

* Cloud Platforms: Azure, AWS, OpenStack
* CI/CD Tools: Azure DevOps, Jenkins, GitLab CI, GitHub Actions
* Orchestration & Containerization: Kubernetes, Docker, Rancher
* Configuration Management: Ansible
* Scripting Languages: Bash, Python, PowerShell
* Monitoring & Logging: Prometheus, Grafana, Azure Monitor, ELK Stack (Elasticsearch, Logstash, Kibana)
* Infrastructure as Code (IaC): Terraform, ARM templates
* Version Control: GitHub, GitLab
* Virtualization: VMware
* Operating Systems: Linux, Unix

## Professional Experience

**Cloud Engineer – Stena Metall AB** *(August 2024 - January 2025)*

* Upgraded the Cloud Adoption Framework (v5.2.1 to v6.0.0), improving compliance with Azure Governance standards.
* Conducted security audits and automated tasks using Terraform and Azure Pipelines, reducing manual intervention by 40%.
* Monitored cloud platform patterns and anomalies using KQL and resolved incidents per SLA, achieving a 20% reduction in downtime.
* Managed Azure services including Logic Apps, IaaS, PaaS, and Entra ID (formerly Azure AD).

**Senior Software Engineer (DevOps) – Capgemini Sverige AB** *(September 2021 - July 2024)*

* Implemented CI/CD pipeline automation using Azure DevOps, cutting deployment time by 30%.
* Upgraded on-prem hardware to prepare for Kubeflow platform using Ubuntu, xCAT, and Rancher RKE.
* Automated Azure Databricks cluster scaling with Terraform and GitHub Actions.
* Acted as a Product Owner, coordinating backlog priorities and ensuring alignment with stakeholder vision by creating product roadmap and vision board.

**Senior Business Consultant (DevOps) – Tech Mahindra** *(February 2017 - September 2021)*

* Deployed CI/CD pipelines using Jenkins and Azure DevOps for business applications hosted on public/hybrid cloud platforms.
* Automated microservice orchestration with Docker and Kubernetes, enhancing resource utilization by 25%.
* Managed ELK stack for indexing product generated CSVs as well as centralized logging and monitoring.
* Reduced operational overhead by 20% through automated platform/infrastructure provisioning with Terraform/Ansible.

**Senior AEM Administrator (Cloud) – ICF Next** *(September 2015 - January 2017)*

* Managed AWS cloud and VMware infrastructure, improving uptime by 15% through optimized resource management.
* Automated cloud operations with Ansible and Shell scripting.

**Unix/Linux Systems Administrator – Hewlett Packard Enterprise** *(November 2011 - August 2015)*

* Administered Unix-based cloud and on-prem VMware platforms, enhancing system performance and reliability.
* Developed SOPs and UML diagrams, reducing incident response time by 20%.

**Linux Systems Engineer – Axon Networks**(Now Trianz) *(May 2011 - October 2011)*

* Managed the installation and optimization of over 100 Linux servers, achieving high availability.

**Jr. System Administrator – Bobcares**(AKA Poornam Info Vision) *(November 2009 - June 2010)*

* Maintained Linux VPS environments, ensuring high availability and performance.

## Education

* B.Tech in Computer Science – West Bengal University of Technology (2005 - 2009)

## Certifications

* Microsoft Certified: Azure Fundamentals (Issued March 2023)

## Languages

* English: Bi-lingual or Native Proficiency
* Swedish: Basic Communication

References available upon request.