Arnab Dey

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Professional Summary

An accomplished 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)