Arnab Dey

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Professional Summary

DevOps Engineer with 8+ years of experience (14+ years in IT) delivering **CI/CD automation** and **Linux-based cloud platforms**. Skilled in **Azure DevOps, Jenkins, GitHub Actions**, and **infrastructure automation** using Terraform and Ansible. Strong foundation in **Linux systems administration**, container orchestration (Kubernetes, Docker), and observability tools. Proven success in reducing downtime, accelerating deployments, and enabling teams with secure, scalable, and reliable infrastructure.

Core Skills

- **CI/CD Pipelines:** Azure DevOps, Jenkins, GitHub Actions, GitLab CI
- **Linux & Systems Administration:** RHEL, Ubuntu, CentOS, Shell scripting, VMware
- **Infrastructure as Code:** Terraform, ARM templates, Ansible
- **Containers & Orchestration:** Kubernetes (AKS, Rancher), Docker
- **Monitoring & Logging:** Prometheus, Grafana, Azure Monitor, ELK, KQL
- **Cloud Platforms:** Azure (IaaS, PaaS, Entra ID, Logic Apps), AWS, OpenStack
- **Scripting & Automation:** Python, Bash, PowerShell
- **Collaboration & Delivery:** Agile/SAFe, Product Ownership, Cross-functional teamwork

Professional Experience

DevOps Engineer – AFRY Digital Solutions AB *(May 2025 – Present)*

- Designed and deployed a **GitOps-based single-node Deployment platform** with ArgoCD, K3s, Prometheus, Grafana, sealed-secrets, and cert-manager.
- Built **RPA workflows** in Power Automate for automation of data collection.
- Maintained the GitOps platform as a live demo project (GitHub repository).

Cloud Engineer – Stena Metall AB *(Aug 2024 – Jan 2025)*

- Automated provisioning with **Terraform + Azure Pipelines**, cutting manual effort by **40%**.
- Strengthened operational reliability through **KQL-driven monitoring and incident resolution**, reducing downtime by **20%**.
- Managed Azure services (Logic Apps, IaaS, PaaS, Entra ID).
- Published reusable (sanitized) **Terraform modules** (GitHub repository).
- Built an (sanitized) **Azure cost optimization toolkit** (GitHub repository).

Senior Software Engineer (DevOps) – Capgemini Sverige AB *(Sep 2021 – Jul 2024)*

Assignment: Volvo Cars Car Safety R&D

- Built and optimized **CI/CD pipelines in Azure DevOps**, cutting release cycles by **30%**.
- Automated **Azure Databricks scaling** with Terraform and GitHub Actions.
- Upgraded infra for **Kubeflow workloads** with Rancher/Kubernetes.

Internal Initiatives

- Acted as **Product Owner**, prioritizing backlogs and aligning DevOps projects with business needs.
- Developed an (sanitized) **AI-powered Resume Builder Agent** (GitHub repository).
- Maintained a **DevOps automation toolkit in Python** (GitHub repository).

Senior Business Consultant (DevOps) – Tech Mahindra *(Feb 2017 – Sep 2021)*

Assignment: Deutsche Telekom

- Delivered **CI/CD pipelines** using Jenkins and Azure DevOps for hybrid cloud deployments.
- Automated **Kubernetes/Docker orchestration**, improving efficiency by **25%**.
- Managed **ELK stack** for centralized logging and observability.
- Reduced infra overhead by **20%** through Terraform + Ansible automation.
- Published a sanitized **OpenStack DevOps solution** (GitHub repository).

Senior AEM Administrator (Cloud) – ICF Next *(Sep 2015 – Jan 2017)*

- Administered AWS and VMware platforms, increasing uptime by **15%**.
- Automated repetitive tasks with Ansible and shell scripting.

Unix/Linux Systems Administrator – Hewlett Packard Enterprise *(Nov 2011 – Aug 2015)*

- Managed large-scale **Linux and VMware environments**, improving performance and reliability.
- Authored SOPs and runbooks, reducing incident response time by **20%**.

Linux Systems Engineer – Trianz (Axon Networks) *(May 2011 – Oct 2011)*

- Installed and optimized **100+ Linux servers**, ensuring uptime and scalability.

Jr. System Administrator – Poornam Info Vision (Bobcares) *(Nov 2009 – Jun 2010)*

- Maintained **Linux VPS environments**, providing high availability and troubleshooting critical incidents.

Education

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

Certifications

- **Microsoft Certified: Azure Fundamentals** (Issued Mar 2023) – Credential ID: 801D970BAA49297

Languages

- English: Bilingual / Native
- Swedish: SFI C Level Proficiency