Arnab Dey

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Professional Summary

DevOps & Cloud Engineer passionate about **public-cloud transformation**, **cost-efficient infrastructure**, and driven by **technical excellence and curiosity**. Proven track in building scalable, secure, and governed platforms on Azure using Terraform and GitOps. Thrives in agile, learning-focused environments where technical trust and collaboration matter.

Core Skills

- **Cloud Platforms:** Azure (landing zones, governance, Entra ID, Logic Apps), AWS, Openstack
- **Infrastructure Automation:** Terraform, ARM templates, GitOps (ArgoCD), CI/CD (Azure DevOps, GitHub Actions, Jenkins)
- **Cost & Governance:** Azure Policies, Azure Advisor, cost optimization templates
- **Containerization & Orchestration:** Kubernetes (Rancher, K3s), Docker
- **Observability & Reliability:** Prometheus, Grafana, Azure Monitor, KQL, ELK Stack
- **Security & Compliance:** DevSecOps, policy-driven infra, cloud governance frameworks
- **Scripting & Tooling:** Python, Bash, PowerShell, Ansible
- **Collaboration & Delivery:** Agile/SAFe, stakeholder engagement, product ownership

Professional Experience

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

- Designed and deployed a **GitOps-based Kubernetes platform** using **ArgoCD, Prometheus, Grafana**, enabling version-controlled, automated infrastructure provisioning.
- Built **RPA workflows in Power Automate** to automate data collection from **Tendsign**, supporting business process optimization.
- Maintained the GitOps platform as a live project (GitHub repository).

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

- Upgraded the **Azure Cloud Adoption Framework (CAF)** to strengthen **governance and compliance**.
- Automated infrastructure provisioning using **Terraform** and **Azure Pipelines**, reducing manual tasks by **40%**.
- Configured **Azure Policies** to enforce governance and implemented automated cost recommendations via **Azure Advisor**, improving cost visibility and reducing non-compliant resources by **30%**.
- Developed reusable **Azure cost optimization templates** (sanitized) for standardized cost-saving practices (GitHub repository).

- Published a **Terraform module library** (sanitized) for consistent Azure infrastructure deployment ([GitHub repository](#)).

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

Assignment: Volvo Cars Car Safety R&D

- Implemented **CI/CD pipeline automation** in **Azure DevOps**, reducing deployment times by **30%**.
- Automated **Azure Databricks cluster scaling** with **Terraform** and **GitHub Actions**, improving efficiency in data workflows.
- Upgraded on-prem hardware for **Kubeflow** workloads, integrating with Kubernetes (Rancher RKE).

Internal Initiatives

- Acted as **Product Owner** for internal initiatives, driving automation projects aligned with stakeholder needs.
- Led an **AI-powered Resume Builder Agent** project (sanitized version [GitHub repository](#)).
- Maintained a **DevOps Python automation toolkit** for infrastructure tasks ([GitHub repository](#)).

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

Assignment: Deutsche Telekom

- Designed and managed **CI/CD pipelines** using **Jenkins** and **Azure DevOps** for hybrid cloud applications.
- Automated **microservice orchestration** with **Docker** and **Kubernetes**, improving resource utilization by **25%**.
- Managed the **ELK Stack** for centralized logging and data indexing.
- Reduced operational overhead by **20%** via **Terraform** and **Ansible**-based infrastructure automation.
- Published a **sanitized OpenStack DevOps solution** (sanitized) showcasing provisioning, monitoring, and automation ([GitHub repository](#)).

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

- Managed AWS and VMware environments, improving uptime by **15%** through optimized resource utilization.
- Automated operations using **Ansible** and shell scripting.

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

- Administered Unix-based and VMware platforms, enhancing system performance and reliability.
- Authored **SOPs and UML diagrams**, reducing incident response times by **20%**.

Education

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

Certifications

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

Languages

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