

# Arnab Dey

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## Summary

- An accomplished professional with more than **9** years of proven experience as a DevOps/CloudOps/Systems Engineer the Information Technology industry.
- Demonstrated knowledge in providing solutions based on application requirements on public/hybrid cloud platforms, implementing the same solutions using several **DevOps** tools and ensuring a smoother agile transformation.
- Excels at spearheading the Continuous Integration/Continuous Development pipelines for **Java, NodeJS, Angular** based applications using **Jenkins, Maven, Gitlab, SonarQube**.
- In conjuncture to the above points, my expertise also is in containerizing microservices of our client-facing applications using **Docker** and orchestrating and deploying containers to Development/Stage/Production environments using **Swarm/Kubernetes** (OpenShift Container Platform).

## Skills/Technologies that I work with:

**Linux**, Shell Scripting (bash), **Azure Cloud**, **Azure DevOps**, **CI Stack (Jenkins, Maven, Git, SonarQube)**, **CD Stack(Quay/Azure Container Registry, Swarm/Kubernetes)**, **Gitlab CI**, ELK stack, Kafka, **Docker**, **Kubernetes**, Ansible, Database management (Mysql).

## Experience

### Senior Business Consultant (DevOps) – 'Tech Mahindra' : Feb 2017 → Current

- Performing a wide range of activities such as providing solutions and implementing CI/CD pipeline for **Java, Python, NodeJS, Angular**-based business applications hosted on **public/Hybrid** cloud platform, orchestrating Microservices using **Docker, Kubernetes/OpenShift** and also by implementing **GitFlow**.
- Key role involvement in working with **Azure/Hybrid** cloud computing platform using different components and services.
- Working with **Azure DevOps, Jenkins, Maven, Gitlab, SonarQube** platform and performing Continuous Integration/Continuous Development.
- Active role involvement in configuration management and system orchestration of nodes/instances using Ansible.

- Responsible for Log search, indexing and management using tools like Elasticsearch, Logstash, Kibana, Kafka.
- Automating the regular activities, writing Shell (bash) scripts and resolving the escalated issues.
- Accountable for preparing operational documentations, deployments SOPs and architectural diagrams.

#### Lead Cloud Systems Engineer – 'ICF Next' : Sep 2015 → Jan 2017

- Managed public cloud-based Infrastructure(AWS) which hosted Production/Stage/UAT environments of the several clients' web contents by using Ansible/Shell script and also by performing various AEM Administration essential tasks as well.
- Implemented Disaster Recovery both at application and infrastructure level.

#### Unix/Linux Systems Administrator – 'Hewlett Packard Enterprise' : Nov 2011 → Aug 2015

- Managed Unix-based Cloud/on-premise(VMware) platforms in Systems & Storage environment for a leading American Transportation and Logistics. Prepared deployments SOPs and UML-based architectural diagrams occasionally as per demand.

#### Linux Systems Engineer – 'Axon Networks' : May 2011 → Oct 2011

- Worked in platform administration in Systems & Storage environment for a leading Indian Online Retail client. Accountable for installation, configuration, upgrade, downgrade, troubleshooting, performance tuning and administration of various Linux based servers.

#### Jr. System Administrator – 'Bobcares' : Nov 2009 → June 2010

- Managed Linux VPSs and implemented DNS, DHCP, SMTP servers as per requirement. Performed troubleshooting for RAID/LVM issues.

## Education

B. Tech in Computer Science – West Bengal University of Technology 2005 → 2009