

Arnab Dey

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Summary

- I am a Computer Science Graduate with **10** years of experience as a DevOps/CloudOps/Systems Engineer.
- My primary expertise is in providing solutions based on application requirements on public/hybrid cloud platforms and implementing the same solutions using several below mentioned **DevOps** tools and ensuring a smoother Agile transformation.
- My expertise is in (inclusive but not limited to) building and managing CI/CD pipelines for **Java, NodeJS, Angular** based applications using **Jenkins, Maven, Gitlab, SonarQube** (For Code Review and Static Analysis).
- 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 **Kubernetes** (OpenShift Container Platform).

Skills/Technologies that I work with:

Linux, Shell Scripting (bash), **AWS, Azure, Azure DevOps, CI Stack (Jenkins, Maven, Git, SonarQube), CD Stack(Quay/Azure Container Registry, OpenShift Container Platform), Gitlab CI**, ELK stack, Grafana, **Docker, Kubernetes**, Terraform, Ansible, Database management (Mysql), Python.

Experience

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

- Providing solutions and implementing
 - **CI/CD** pipeline for Java, Python, NodeJS, Angular-based business applications hosted on public/Hybrid cloud platform.
 - Orchestration of microservices using **Docker, Kubernetes**/OpenShift.
 - **GitFlow** and follow a revised source control management system.
- Previously worked on CI over BI using TravisCI on various Analytics applications (e.g. Tableau).

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

- Score: 7.04/10 CGPA.

Projects:

1. Image Processing tool using C/C++,
2. Library Management tool using ASP.Net,
3. Exam management tool using Java on Unix.

Higher Secondary (10+2) in Pure Science – W.B.C.H.S.E 2003 → 2005

- Score: 66.9%

Secondary (10th) in General Science – W.B.B.S.E 2003 → 2005

- Score: 75%