

Pratik Anand

DevOps Expert

A DevSecOps specialist with a total of 7 years of experience in infrastructure Management with Continuous Integration/deployments on all major clouds and on-premises infrastructure with an eye on cost and cybersecurity

- Managing IT Infrastructure and security of **IKEA**
- Knowledge of major cloud service providers, like AWS, Azure, GCP.
- Experience of end to end solution in automation, monitoring, and security & vulnerability patching.
- Design and implement automation for large scale microservice as well as monolithic service
- Initiated new innovative processes for CI techniques and CD life cycles.
- Redesigned the pipeline for continuous deployment of application which reduced deployment cycle time by 50%
- Design and deploy multiple consoles as portal services to reduce the extra efforts of a couple of hours
- Worked as an individual contributor as well as a global contributor
- Restructured legacy terraform practice into modular format within a week, which Contributed to our vision of 100% automation and control deployment.
- Well versed with latest DevOps trends and best practices

Skillset

Source Control and CI / CD Tools	Git, Repo, Jenkins/Hudson, GCP cCloud build, Gitlab runner
Build automation tools / Scripts	Maven, Gradle, Ant
Security scanning Tools	ArcherySec, Clair, dependency track
Containerization and orchestration	Docker & Kubernetes
Programming & scripting Languages	Python & bash
Operating Systems	Linux & windows server
Database and Tools	MySQL, Redis, Cosmos DB
Infrastructure as Code (IaC)	Terraform & Azure ARM, Salt stack
Web Servers and Application server	NGINX, Apache2, wildfly (JBoss), Apache-tomcat
Cloud solution	AWS, Azure, GCP
Monitoring	Grafana, Azure monitoring, and Log Analytics

Professional Summary

Employer: Quest Global

Duration: (07/2019-till date)

Industry: Information Technology

Role: Software Engineer

Project: IKEA

Responsibilities:

- Brainstorm for new ideas and ways to improve development delivery
- Providing guidance and mentorship to engineers / co-team members
- Conduct audits and negotiates security in contracts with dev team which led to an improved and secured environment
- Build standard engineering practices of auto-scale, CI/CD, release management and HA on all business-critical engineering components
- Actively involved in designing and device the cloud migration patterns
- Drive and coached to deploy multiple Kubernetes clusters and serverless services in the same way across our all environments which make almost zero error deployment

Employer: Siemens

Duration: (07/2017-07/2019)

Industry: Information Technology

Role: Software Engineer

Project: Mindsphere

Responsibilities:

- Designed an enterprise solution infrastructure for IIOT service in Azure and AWS cloud
- Analysing infrastructures and pipeline for vulnerability and security loopholes
- Setting up an automated CI / CD pipeline and patch management solution to achieve 100% deployment up to production
- Introduced security monitoring dashboard based on CIS Benchmark recommendations and execute hardening of services and applications
- Performed various threat modelling and vulnerability scanning.

Employer: Agreeya Mobility (Now QuEST Global)

Duration: (12/2014-07/2017)

Industry: Information Technology

Role: Software Engineer

Major Projects	Tools/Technologies used
SAAS	AWS- ebs, R53, s3, RDS, CloudWatch, CloudTrail, ec2, ELB, Jenkins docker, ansible, python, Nginx
Device analytics	Jenkins, Git, JBoss Wildfly, Ant, shell scripting
CC certification	Git, AOSP setup, Gerrit mirror setup, Jenkins
MDM	Apache Tomcat & RoR setup, Salt stack, Jenkins, AWS, Ixc, Haproxy

Responsibilities:

- Developed and optimize CI & CD processes on AWS cloud using build tools like Jenkins, Bamboo.
- Impose CI/CD processes for installer-based projects and created complex installers from scratch.
- Designed a multi-tier repository for Android Open Source Project (AOSP)

Employer: Epitome Technologies

Duration: (08/2013-11/2014)

Industry: Electronics

Role: Embedded Trainee Engineer

Responsibilities:

- Design and update software of embedded devices
- Writing and executing a solution on engineering project

Education Summary

- Bachelor of Engineering in Electronics & Communication from OIMT, Damoh affiliated from Rajiv Gandhi Proudhyogiki Vishwavidyalaya – 70% (2013).
- Inter-school (CBSE-PCM) from P.M.H.S, Patna 57.6% (2009).
- Matriculation (CBSE) from DAV, Patna 72% (2007).

About Me

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