**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**

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| **Source Control and CI / CD Tools** | Git, Repo, Jenkins/Hudson, GCP cLoud 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, Apche2, wildfly (JBoss), Apache-tomcat |
| **Cloud solution** | AWS, Azure, GCP |
| **Monitoring** | Grafana, Azure monitoring, and Log Analytics |

**Professional Summary**

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**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

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| **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, lxc, 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**

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* Bachelor of Engineering in Electronics & Communication from OIMT, Damoh affiliated

from Rajiv Gandhi Proudyogiki 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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| Contributions | GitHub: - <https://github.com/pratik141>  Stack overflow: - https://stackoverflow.com/users/5484013/pratik-anand |