

Ravi Tejas Bitla

DevOps Engineer

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Summary

Cloud and **DevOps** engineer with 3+ years hands on experience in automation(**CI/CD**) and provisioning of infrastructure, aws resources securely and cost-effectively managing cloud infrastructure

- Managed developments implementing version control management tools such as **Git, Github, BitBucket** and worked collaboratively with **Dev, QA** teams.
- Through knowledge and experience in **AWS** technologies like **VPC, IAM, EC2, S3** buckets, Security Groups, **RDS, route53**.
- Configured AWS Networks (**VPC,Route53,IGW, Subnets, Route Tables, CIDR, ELB, NAT, EIP, NACL**) and making them Highly Available
- Automated building, testing and continuous deployment using **Jenkins**, Code Deploy, Code Pipeline and utilized them as **CI/CD** tools to develop continuous deployment using **Maven** and **NPM** build and deployed to **Docker containers** eliminating 70% of manual work, which mitigates human errors and speeds up production.
- Implemented a **CI/CD** pipeline using **AWS EC2** instances cloud with **GIT, SonarQube, Docker, Maven** along with Jenkins's plugins.
- Using Jenkins Pipelines to drive all Java **Microservices** builds out to **Docker**.
- Managed and automated the provisioning of various AWS services including **EC2, VPC, ELB, ASG, Security Groups** using **Terraform** and **ansible**.
- Provisioned the web server's configuration by using **Ansible** by writing Ansible Playbooks.
- Created various **Docker Files** for different application to create **Docker Images** and **Containerized** the applications
- Used **Kubernetes** to orchestrate the **deployment, scaling and management** of **Docker Containers**.
- Created **Clusters** using Kubernetes and worked on creating many **pods, replication controllers, replica sets, services, deployments, labels**, health checks and ingress by writing **YAML** files.
- Excellent communication, interpersonal, and analytical skills. Proven ability to learn and rapidly adapt to new challenges.
- Good interaction with developers, managers, and team members to coordinate job tasks and strong commitment to work.

Skills

Public & Private Cloud Technologies: **Amazon Web Services**.

Infrastructure Provisioning: **Terraform**.

Containerization Tools: **Docker, Kubernetes**.

Configuration Management: **Ansible**.

CI/CD Tools: **Jenkins**.

Version Control Tools: **Git, GitHub, Bitbucket**.

Build & Testing Tools: **Maven**.

Code Analysis: **SonarQube**.

Artifactory: **JFrog, Nexus**.

Web Servers: **Apache Tomcat, Nginx**.

Databases: **MySQL, PostgreSQL, AWS RDS.Aurora**

IDE Tools: **Visual Studio Code, Eclipse**.

Scripting/Programming Languages: **Shell Scripting, YAML, JSON**.

Operating Systems: **Ubuntu, CentOS, Linux, MacOS, Windows**.

SSH Tools: **Putty, MobaXterm**.

Ticketing Tools: **JIRA**

Experience

ICROZ SOLUTIONS PRIVATE LIMITED, INDIA - *DevOps Engineer*

JAN 2019 - PRESENT.

Education

JUNE 2015 - APRIL 2019

CMR College of Engineering and Technology, Hyderabad - *Bachelor of Technology(CSE)*

Personal

Name : Ravi Tejas Bitla

Address : 2-2-1166/1/1, Tilak Nagar, New Nallakunta, Hyderabad-500036

Date of Birth : 25th March 1997

Mobile : +91 8142596074

Languages : English, Hindi, Telugu

Hobbies : Music, Workout, Games

Declaration

I hereby declare that the above-mentioned information is correct up to the best of my knowledge and belief.

Date: Place: Hyderabad.

[RAVI TEJAS BITLA]