

Sakshi Sunil Salunke

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Professional Summary

Aspiring Cloud & DevOps Engineer with expertise in AWS, DevOps tools (Docker, Kubernetes, Jenkins, Terraform), and Linux administration. Passionate about designing scalable cloud architectures and automating deployments. Seeking an opportunity to apply my technical skills to real-world cloud solutions.

Education

Sinhgad Academy of Engineering, Pune

- B.E. - Electronic & Telecommunication|CGPA-6.87 2021-2024

MIT POLYTECHNIC, Pune

- Diploma - Information Technology|Percentage-79.80 2017-2021

Sadhana English Medium School, Pune

- SSC - Percentage-66.80 2016-2017

Technical Skills

- **AWS** - EC2, Load Balancing, Auto Scaling, Cloud Watch, EBS, S3, RDS, IAM, Route53, SNS, Cloudformation, Cloudfront.
- **OS Platforms** - Linux (Ubuntu, Amazon Linux), Windows.
- **Servers Configured** - NGINX, HTTPD/Apache and Ubuntu.
- **DevOps Tool** - Docker, Git/GitHub, Kubernetes, Jenkins, Terraform, Ansible.
- **Linux**.
- **Networking** - OSI Model, TCP/UDP, DHCP, DNS, Topology, Subnetting.
- **Database** - MySql.

Work Experience

Cloud Intern, Cravita Technologies Pvt Ltd

September 2024 - March 2025

- Deployed and managed cloud infrastructure using AWS services like EC2, S3, IAM, and VPC, ensuring scalability and security.
- Worked on implementing networking concepts like subnets, security groups, NACLs, and route tables for high availability.
- Automated deployments and CI/CD pipelines using Jenkins and Git, optimizing software delivery processes.
- Configured and monitored cloud environments using CloudWatch and logging tools to analyze system performance and uptime.

Projects

➤ Three Tier Architecture (AWS, VPC, MySQL, Security Groups, EC2, RDS) -

- Designed and deployed a secure, high-availability three-tier architecture using VPC with public and private subnets for web, app, and database tiers.
- Configured Security Groups, NACLs, public/private route tables, Internet Gateway, and NAT Gateway for secure resource access and communication.
- Implemented fault-tolerant architecture with subnets across multiple Availability Zones for redundancy and resilience.
- Deployed MySQL RDS for scalable and secure backend data storage with private subnet access controls.
- Hosted frontend (HTML) on the web tier and backend (PHP) on the app tier for clear functional separation.
- Used NAT Gateway in private app tier for secure outbound traffic and resource downloads.
- Enabled seamless data flow from frontend (web tier) to backend (app tier) and database (RDS).

➤ Node.js CI/CD Automation with Jenkins (Jenkins, Node.js, Git, SSH, Mocha, PM2) -

- Designed and implemented a Jenkins pipeline to automate code pulling, building, testing, and deploying a Node.js application on a remote server.
- Integrated Git with Jenkins, enabling automatic code retrieval from a GitHub repository setting Webhooks.
- Configured Jenkins to install dependencies (npm install) and execute unit tests using Mocha.
- Set up SSH authentication in Jenkins using the SSH Agent plugin for secure deployment on a remote server.
- Installed and configured Node.js, npm, and PM2 on a deployment server for efficient process management.
- Utilized shell scripting within Jenkins to automate deployment steps, including git pull, npm install, and pm2 restart.

Certification

Certified in Master in Cloud Architecture - (AWS , DevOps) from Fortune Cloud.