**AKSHAY GARAD**

# At Post Lonere, Mangaon, Raigad 402103

# +918830702339| [garadakshay1994@gmail.com](mailto:garadakshay1994@gmail.com)

<https://www.linkedin.com/in/akshay-garad-%E2%98%81%EF%B8%8F%E2%99%BE%EF%B8%8F%E2%98%B8%EF%B8%8F-023308263/>

* **Objective:**

I aim to excel in the role of a DevOps Engineer, leveraging my 3+ years of DevOps experience and 6 years of IT expertise. My goal is to design, implement, and maintain highly scalable and reliable infrastructures through the use of automation tools, cloud services, and containerization technologies, ultimately contributing to the achievement of organizations' business objectives.

* **Certifications:**

**AWS Certified Solutions Architect - Associates (SAA-CO3)**

**Azure Microsoft Azure Administrator Certification AZ 104**

* **Profile Summary:**

As an **AWS DevOps Engineer** at Rego Digital Solutions, I have expertise in setting up **CI/CD pipelines using Jenkins, Docker, and Terraform**. My experience extends to **AWS/Azure services such as EC2, VM, VPC, Vnet, IAM, ELB, Route 53, and CloudWatch**. I am proficient in **containerization** and automation tools like **GitHub, Shell Script, Jenkins, SonarQube, Checkmark, Ansible, Docker, Terraform, and Kubernetes**. Additionally I have a proven track record of designing and implementing automated infrastructure deployments on **AWS** using **Terraform**. My contributions have consistently enhanced infrastructure performance and reliability while reducing manual intervention, resulting in faster time to market and improved customer satisfaction.

* **Experience:**
* **Rego Digital Solutions [December 2019 - Present]**

**AWS DevOps Engineer**

**Project 2: Alcorn Insurance Agency [August 2021]**

**Automated Infrastructure Deployment**

- Designed and implemented automated infrastructure using Terraform for streamlined deployment.

- Provisioned **EC2 instances, AMIs, EBS, EFS, and security groups using AWS CLI and AWS Console**.

- Configured **VPCs, subnets, and routing tables** to ensure seamless network connectivity.

- Set up **Elastic Load Balancers for load balancing and auto-scaling** based on **CloudWatch** metrics.

- Monitored infrastructure health and triggered alerts using **CloudWatch**.

- Developed and maintained automation **scripts** using **Ansible** for application deployment.

- Integrated **GitHub, Jenkins, SonarQube, and Checkmark** to automate the application build and deployment process.

- Created **Jenkins pipelines** for various environments.

- **Containerized** code using **Dockerfile** and Docker for efficient deployment.

- Utilized **Kubernetes** for containerization and deployment of applications.

- Leveraged **Sonarqube** and Checkmark for code analysis and security testing.

- Collaborated closely with team members to ensure project success and meet project deadlines.

**Key Skills Utilized: AWS EC2, IAM, AMI, EBS, EFS, S3, VPC, Security Group, ELB, CloudWatch, Autoscaling, Route 53, Terraform, Ansible, GitHub, Jenkins, Docker, Kubernetes.**

**Project 1: Happy Cow - [January 2020 - August 2021]**

**Automated CI/CD Pipeline for a Web Application on AWS using Jenkins, Docker, and Terraform**

- Established a **Jenkins** server to manage the **CI/CD pipeline** for the web application.

- Configured Jenkins jobs for automatic application build, testing, and deployment.

- Utilized **Docker** for containerization, simplifying deployment and enhancing portability.

- Employed Terraform to deploy infrastructure on AWS, including **EC2 instances, VPC, security groups, and ELB**.

- Set up **AWS IAM** roles and permissions for Jenkins and other resources to access AWS services.

- Integrated **GitHub** to automate code review and merging.

- Monitored infrastructure and application logs using **AWS CloudWatch, triggering alerts for errors**.

- Implemented automatic backups and disaster recovery processes for infrastructure.

- Enhanced infrastructure performance and scalability with AWS Auto Scaling, Elastic Load Balancing, and Route 53.

**Key Skills Utilized: Jenkins, Docker, Terraform, AWS EC2, IAM, VPC, Security Group, ELB, CloudWatch, Autoscaling, Route 53.**

* **Maxsus India Private Limited - [October 2016 - November 2019]**

**System Engineer**

- Maintained and supported office computers, systems, and network infrastructure for optimal performance and uptime.

- Installed and configured hardware and software, including printers, scanners, and productivity software.

- Conducted regular system maintenance tasks, including backups, updates, and patches for security and stability.

- Troubleshot and resolved technical issues reported by users, both remotely and on-site.

- Collaborated with IT team members and stakeholders to plan and implement technology initiatives.

- Documented and managed inventory and asset information for IT equipment and software.

- Developed and implemented security policies and procedures to protect company data.

- Worked with vendors and service providers for technical support and issue resolution.

- Assisted in planning and executing technology projects, such as hardware or software upgrades and system integrations.

* **Technical Skills:**

- AWS services: EC2, IAM, AMI, EBS, EFS, S3, VPC, Security Group, ELB, CloudWatch, Autoscaling, Route 53.

- Source code management tool: GitHub.

- CI/CD tool: Jenkins.

- Containerization tool: Docker.

- Code quality and security tools: Sonarqube, Checkmark.

- Code analysis tool: Checkmark.

- Infrastructure as code tool: Terraform.

- Configuration management tool: Ansible.

- Container orchestration platform: Kubernetes.

* **Education:**

**- YCMOU**

- BA

- 56 %

**- HSC 2012**

- 10+2

- 48%