

# DevOps Engineer

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**Address:** Hyderabad, Telangana, India.

**Job Seeking:** DevOps Engineer

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**Experience:** 6+ Months as a DevOps Engineer

2+ years as a HR Associate, 4+ years as a Civil engineer



**Present Position:** Amazon HR Assistance (Disability and leave Services)

**Profession:** DevOps Engineer/ Civil Engineer

**Qualifications:** **Bachelor of Technology in Civil Engineering**  
From J.N.T.U HYDERABAD, INDIA – 2015

## CAREER OBJECTIVES:

Seeking a challenging and dynamic role that leverages my diverse background in engineering and my evolving expertise in DevOps and Cloud Engineering, including technical skills such as Linux, Python, and AWS. My experience as an HR Associate at Amazon has honed my interpersonal and support skills, making me a valuable asset to any team. I'm dedicated to driving innovation, solving problems, and working together to achieve business growth, all while highly valuing diversity and actively contributing to the ever-changing world of technology. I aspire to blend my engineering and HR experiences to create a unique and impactful career journey.

## SKILLS / STRENGTHS:

<b>Operating System</b>	: Linux
<b>Cloud</b>	: AWS
<b>Databases</b>	: Amazon RDS
<b>Version Control</b>	: Git
<b>Scripting Language</b>	: Shell script   YAML
<b>Build Tool</b>	: Maven
<b>Containerization Tool</b>	: Docker   Kubernetes
<b>Application Server</b>	: Apache Tomcat
<b>CI&amp;CD Tool</b>	: Jenkins
<b>Configure Management Tool</b>	: Ansible
<b>Code Quality Assurance</b>	: SonarQube
<b>Monitoring Tool</b>	: Nagios   Cloud watch
<b>Programming Language</b>	: Python

## WORK EXPERIENCES:

**Organization:** Full-stack Academy (Hyderabad, India)

April 2023 till Present (6+ Months)

**Designation:** Trainee DevOps Engineer

**Project Title 1:** AWS Infrastructure Optimization

**Duration:** January 2023 - March 2023

**Description:** In this comprehensive AWS project, I led the optimization of AWS infrastructure, resulting in improved performance and cost-efficiency. My responsibilities included management of EC2 instances, S3 buckets, and RDS databases while implementing robust security measures. To ensure resource provisioning and access control efficiency, I effectively utilized CloudFormation and IAM.

As a Trainee DevOps Engineer, I concurrently achieved the successful deployment of a login web page on the AWS platform. This encompassed activities such as setting up EC2 instances, configuring various AWS services like EC2, S3, ELB, and auto-scaling, designing complex network infrastructure, and ensuring secure connectivity. I proficiently employed Git and Jenkins for continuous integration (CI) and leveraged Docker for efficient containerization. To maintain high code quality standards, I seamlessly integrated SonarQube into our DevOps pipeline.

During this project, I also gained knowledge of AWS CloudFront and Route 53, which further enriched my skill set.

**Achievements:** Improved AWS infrastructure performance by optimizing resource allocation.

Enhanced security through the implementation of strict IAM policies.

Reduced operational costs by right-sizing EC2 instances and implementing S3 lifecycle policies.

Successfully deployed a login web page on AWS, ensuring high availability and scalability.

Implemented a robust CI/CD pipeline using Jenkins, automating build and deployment processes.

Achieved containerization with Docker, enhancing deployment consistency.

Efficiently managed infrastructure configurations with Terraform.

Utilized Git for version control and artifact tracking throughout the project's lifecycle.

Integrated SonarQube for code quality assurance, ensuring high-quality code.

**Tools used:** AWS (EC2, S3, RDS, IAM), CloudFormation, Git, Jenkins, Docker, SonarQube, Linux

### **Project Title 2: "Python Game Development - Rock, Paper, Scissors"**

**Duration:** March 2023 - May 2023

**Description:** In my spare time, I leveraged my Python programming skills to develop an interactive and entertaining game called "Rock, Paper, Scissors." This project demonstrated my ability to create user-friendly applications, manage game logic, and provide an enjoyable gaming experience.

**Achievements:** Designed and implemented the game's user interface and interactive features.

Utilized Python's logic and control structures to manage game rules and outcomes.

Showcased creativity and problem-solving skills through game development.

**Tools used:** Python

### **Professional Proficiencies and Achievements.:**

#### **1. AWS Infrastructure Management:**

- Proficiently manage AWS services like EC2, S3, IAM, RDS, ELB, CloudFront, VPCs, subnets, and security groups.
- Create and manage various types of storage solutions, including S3 buckets, EBS volumes, and EFS file systems, for artifact storage and versioning.
- Implement database solutions with RDS.
- Set up and configure Elastic Load Balancers (ELB) for high availability.
- Create and manage bastion hosts for secure remote access.
- Utilize command-line interfaces (CLIs) for efficient AWS resource management and administration.

#### **2. DevOps Workflow and SDLC Integration:**

- Implement a streamlined SDLC (Software Development Life Cycle) process.
- Integrate Git for version control and GitHub for collaborative development.

#### **3. Artifact and Dependency Management:**

- Utilize Maven as a build tool for automating the artifact generation process.
- Ensure proper dependency management and artifact deployment.

#### **4. Code Quality Assurance:**

- Integrate SonarQube into the CI/CD pipeline for automated code quality checks.
- Implement code quality tracking to maintain high development standards

#### **5. CI/CD Pipeline Setup:**

- Proficiently configured continuous integration and continuous delivery (CI/CD) pipelines using Jenkins for automated builds and deployments.
- Familiar with CI/CD best practices and principles.
- Demonstrated the ability to automate testing, packaging, and deployment processes using Jenkins.
- Familiar with plugin installation in Jenkins as per project requirements.

#### **6. Containerization and Orchestration:**

- Proficiently use Docker for creating container images and managing containers.
- Developed an understanding of the orchestration of Kubernetes deployments, covering pods, Replica Sets, Services, and Deployment configurations.

#### **7. Infrastructure as Code (IaC):**

- Utilize Terraform for provisioning and managing infrastructure as code (IaC).
- Automate infrastructure deployments, ensuring consistency and reproducibility.
- Acquainted with Ansible for efficiently managing infrastructure configurations, ensuring seamless operations.

#### **8. Monitoring and Performance Optimization:**

- Implement robust monitoring solutions using tools like Nagios and AWS CloudWatch.
- Configure, maintain, and customize Nagios for comprehensive monitoring.
- Monitor application and infrastructure performance and optimize system resources.
- Configure alerts and notifications for proactive incident response

## **Senior HR Associate** (January 2021 till Present)

### **Title: HR Associate (ERC-DLS Department)**

Transitioned into the role of an HR Associate at **Amazon Development Centre** since 2021, where I focus on addressing employee inquiries and supporting payroll operations. In this capacity, I apply my meticulous attention to detail and a deep understanding of HR policies to ensure prompt and accurate responses to employee queries. I actively contribute to streamlining payroll processes and improving employee experiences. These combined experiences provide me with a comprehensive foundation, spanning across multiple fields, and equip me with valuable skills that are adaptable to various roles

### **Duties & Responsibilities as HR Associate :-**

- Served as the initial point of contact for employees regarding leave, disability, and accommodation, providing prompt and accurate resolutions while maintaining a high level of attention to detail.
- Utilized policies and standard operating procedures to resolve employee queries and escalated issues as needed, demonstrating a comprehensive understanding of employee benefits and case management.
- Developed a trusted and empathetic rapport with employees by offering personalized conversations, responding to changing circumstances and needs, and prioritizing the employee experience.
- Supported operational payroll activities, including data input, reporting, and addressing general payroll inquiries utilizing the ADP system, while also collaborating with partner teams to drive process improvements and resolve cross-functional issues.

## **Civil Engineer** (Nov 2014 to Jan 2020)

### **Title: Quality Control Engineer/Civil Engineer**

I served as a Civil Engineer, managing projects in **India and Dubai**, overseeing site engineering, quality control, and project management responsibilities. My responsibilities included ensuring compliance with quality standards, legal requirements, and efficient project delivery. These experiences equipped me with versatile skills in project management, problem-solving, and compliance.

### **Duties & Responsibilities as a Civil Engineer :-**

- Ensured project adherence to legal requirements, promptly addressing issues and proposing solutions.
- Managed project activities from initiation to handover, ensuring compliance with approved quality procedures, shop drawings, and standards.
- Oversaw on-site quality control and safety measures, ensuring materials and work met specifications.
- Collaborated with cross-functional teams to ensure project requirements were met and client satisfaction was achieved.
- Attended progress meetings, prepared project reports, and handled variations and approvals.
- Conducted regular site inspections to proactively identify and resolve construction challenges, maintaining project progress.
- Coordinated with authorities for inspections, demarcation services, and sewage connections.
- Contributed to team goals and performed quantity take-offs, BOQ preparation, rate analysis, and monthly reports.

## **TRAINING | CERTIFICATE | COURSES:**

Training/Courses	Institutes	Year
<b>AWS Cloud Essentials Certification</b>	Full-stack Academy	<b>2022</b>
<b>AWS DevOps Training Certification</b>	Full-stack Academy	<b>2023</b>

▪ **Reference Available On Request...!!!**

**Enclosures: (Documents) As Requested!**