

Mohit Matte

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Summary

Highly motivated and detail-oriented DevOps Engineer with a solid foundation in AWS cloud services, CI/CD pipelines, Docker, and Infrastructure as Code (IaC) using Terraform. Adept at automating workflows, deploying scalable infrastructure, and ensuring application reliability. Proficient in managing cloud environments, containerized deployments, and streamlining development operations. Passionate about delivering high-availability systems and driving operational excellence through intelligent automation.

Experience

Zapient Digital – Software Developer

Sep 2024 – Present

AI-Powered Recruiting Platform | Python, Flask, PostgreSQL

Pune, India

An intelligent recruitment management platform that streamlines the end-to-end hiring process. It automates candidate screening, shortlisting, and communication using AI and NLP models.

Roles & Contributions:

- Designed and implemented RESTful APIs to automate candidate outreach within the Engagement Module, reducing manual follow-ups by **40%** and increasing response rate.
- Diagnosed and resolved a critical path-related bug in production, enhancing system stability and reducing incident recurrence by **30%**.
- Integrated voice-to-text transcription for telephonic interviews and enabled automated candidate ranking using **LLMs (e.g., OpenAI ChatGPT)**, improving recruiter efficiency by **25%**.
- Built a scalable workflow to manage large resume files (>25MB) by integrating with the **Google Drive API**, improving upload reliability by **50%** and streamlining document retrieval.

AWS Infrastructure Automation & Cost Optimization | Terraform, Lambda, CloudWatch, SNS, Boto3

Automated AWS infrastructure setup and cost optimization using Terraform and Lambda functions to reduce storage costs.

Roles & Contributions:

- Designed and provisioned a custom AWS VPC using **Terraform**, automating the creation of subnets, route tables, Internet Gateway, NAT Gateway, and EC2 instances.
- Segmented network architecture to enhance security, resource isolation, and traffic control using **Infrastructure as Code (IaC)**.
- Developed a serverless cost optimization tool using **AWS Lambda** to automatically detect and delete unused EBS snapshots, reducing storage costs.
- Scheduled cleanups using **CloudWatch Events** and integrated **SNS** to notify stakeholders with actionable cost-saving insights.

AWS CI/CD Pipeline Automation | AWS CodeCommit, CodePipeline, CodeBuild, CodeDeploy, ECR, EC2, Docker

Built an automated CI/CD pipeline on AWS to improve development and deployment efficiency with a focus on Docker containers.

Roles & Contributions:

- Built an end-to-end CI/CD pipeline using **AWS services** to automate source integration, Docker image build, security scan, and deployment.
- Integrated **CodeCommit**, **CodeBuild**, **ECR**, and **CodeDeploy** to enable seamless and secure deployment to EC2 environments.
- Automated testing, containerization, and delivery stages, improving release velocity and reliability by following **DevOps best practices**.
- Deployed the pipeline via **AWS Console UI**, enabling production-ready delivery pipelines without manual intervention.

Technical Skills

Programming Languages & Scripting : Python, Shell Scripting,C,C++

DevOps & IaC: Docker, Kubernetes, Terraform, GitHub Actions, Jenkins, Ansible, Nginx, Maven

Cloud Platforms: AWS (EC2, S3, VPC, IAM, RDS, Lambda, Route 53, CloudWatch, CloudFormation,CloudFront)

CI/CD & Automation: AWS CodePipeline,CI/CD pipelines, GitHub Actions, Shell scripting

Version Control & Project Management:: AWS CodeCommit,Git, GitHub, Bitbucket, Jira.

Databases: PostgreSQL, MySQL, MongoDB

Achievements

- Solved **490+ Data Structures and Algorithmic** problems on coding platform such as **LeetCode** and **GFG**.
- Contest Rating: **1412 @LeetCode**

Education

Rajarshri Shahu College Of Engineering, Pune

B.Tech : Information Technology

Dec 2021 – May 2025

CGPA: 8.67

Hislop Junior College, Chandrapur

Higher Secondary (12th Grade)

May 2019 – July 2021

Percentage: 93%

Indira Gandhi Garden School, Chandrapur

Secondary School Certificate (10th Grade)

Passed: 2019

Percentage: 91%