

Varun Chavda

DevOps Engineer

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Professional Summary

DevOps Engineer with hands-on experience in AWS, Terraform, Docker, and CI/CD automation. Skilled in deploying scalable applications on AWS ECS Fargate with Infrastructure as Code. Strong foundation in Linux, cloud networking, and monitoring using CloudWatch and Prometheus.

Technical skills

- **Cloud Platforms** : AWS - EC2, ECS, S3, RDS, IAM, VPC, Route 53, CloudFront, ELB, lambda
- **Infrastructure as Code** : Terraform
- **CI/CD** : GitHub Actions, Jenkins
- **Containers & Orchestration** : Docker, AWS ECS
- **Monitoring & Logging** : Amazon CloudWatch, Prometheus, Grafana
- **Version Control** : Git, GitHub
- **Scripting & Programming** : Shell Scripting, Python

Work Experience

SrashtaSoft Technology

December 2024-Present

DevOps Intern

Automated PCAP Analysis Pipeline using AWS & Suricata

- Built an event-driven security pipeline where network PCAP files uploaded to Amazon S3 trigger AWS Lambda to process data using a Suricata Docker image stored in Amazon ECR.
- Executed Suricata analysis inside containers and streamed generated EVE JSON security logs to Amazon CloudWatch for centralized monitoring.

Merizimmedari

- Dockerized React + Django application and deployed via Nginx with SSL on staging and production servers.
- Built Jenkins pipelines for automated CI/CD across environments.

Digital Signage

- Containerized and deployed React + Django application with Nginx reverse proxy and HTTPS configuration.
- Implemented Jenkins-based deployment pipeline for development environment automation.

Suricata Integration with Kibana

- Configured Suricata IDS for network monitoring and integrated EVE JSON logs with ELK stack for security visualization in Kibana.
- Containerized and deployed the SIEM monitoring stack using Docker for centralized log analysis.

Flowdesigner

- Deployed React + Laravel application using Docker-based architecture with Nginx and SSL domain configuration.
- Managed production deployment and environment-specific configuration on Linux server.

Projects

Strapi Application - on AWS ECS Fargate

- Architected and deployed containerized Strapi CMS on AWS ECS Fargate behind Application Load Balancer.
- Configured Amazon RDS (PostgreSQL) for managed database services.
- Provisioned AWS infrastructure using Terraform to enable consistent and reusable deployments.
- Designed CI/CD pipeline for automated build and deployment workflow.
- Enabled centralized logging and monitoring using CloudWatch.

Certification

AWS Cloud Technical Essentials - [Verify](#)

Education

B.E. in Computer Science and Technology

LJ Institute of Engineering and Technology | 2022 – Present