DEVENDER NARRA

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Cloud / DevOps Engineer with strong backend development experience and hands-on expertise in AWS, Kubernetes, Docker, and CI/CD automation. Skilled in deploying cloud-native applications, designing event-driven systems, and supporting scalable, production-ready infrastructure.

EDUCATION

Vaagdevi College Of Engineering	B.Tech (CSE)	CGPA: 9.0	2020 - 2024
Narayana Junior College	MPC	CGPA: 9.5	2017 - 2019

PROFESSIONAL EXPERIENCE

Associate Software Engineer | NxtWave　　　　　　　　**Jun 2025 - Present**

- Developed REST APIs using Django REST Framework with filters, pagination, and authentication.
- Containerized and deployed modern web applications on AWS EC2 using Docker & Docker Compose, with CI/CD automation (Jenkins) and monitoring.

Junior Software Developer | Innfidects　　　　　　　　**Mar 2025 – Jun 2025**

- Contributing as a Backend Developer to the RFP Engine product.
- Developing RESTful APIs and serializers to power core features.

Backend Developer | Deepwork Technologies | Internship　　　**Nov 2024 – Jan 2025**

- Built secure Django backend APIs using OAuth, clean architecture, and OpenAPI.

PROJECTS

Cloud-Native 3-Tier Application Deployment on AWS (Kubernetes)

- Deployed a cloud-native 3-tier application (React frontend, Django backend, database) on AWS using Kubernetes.
- Containerized services with Docker and managed images using Amazon ECR.
- Orchestrated workloads using Kubernetes Deployments, Services, ConfigMaps, Secrets, and Ingress.
- Configured Kubernetes Ingress for external traffic routing and application load balancing.
- Monitored application and infrastructure behavior using AWS CloudWatch during deployments and traffic handling.

Event-Driven File Processing Pipeline on AWS

- Implemented an event-driven architecture using AWS S3, SNS, SQS, and Lambda to process file upload and delete events asynchronously.
- Designed a decoupled message-driven workflow to ensure scalability, reliability, and fault tolerance.
- Developed Lambda functions to capture file metadata and persist lifecycle events in DynamoDB for auditing and tracking.
- Configured IAM roles with least-privilege access for secure service-to-service communication.

SKILLS

Programming Languages: C, Python, Java**.**
Application Development: React.js, Redux Toolkit, Django, Node.js, Express.js
Cloud Platforms:
AWS (EC2, S3, IAM, VPC, ECR, Lambda, DynamoDB, ASG, Route 53, CloudFront & CloudWatch)
Azure (Virtual Machines, Virtual Network, Storage Account, Azure Monitor – fundamentals)
Containers & Orchestration: Docker, Docker-compose & Kubernetes
CI/CD: Jenkins and Github Actions
Infrastructure & Automation: Ansible (Playbooks, Roles), Terraform
Version Control: Git, GitHub, AWS CodeCommit
Operating Systems: Linux