

# Anubhav Ojha

AWS DevOps Engineer | Solutions Engineer | Cloud Infrastructure

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## Summary

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Results-driven **AWS DevOps & Solutions Engineer** with 4.5+ years of experience specializing in architecting and deploying scalable **microservices**, streamlining CI/CD pipelines, and delivering enterprise cloud solutions. Proficient in Infrastructure as Code (IaC) with Terraform, orchestrating containers via **Amazon ECS**, and automating workflows with GitHub Actions. Expertise in **Python and JavaScript** for cloud automation and backend logic, alongside core AWS services (EC2, S3, RDS, Lambda, VPC), to build secure, highly available, and cost-efficient cloud solutions.

## Technical Skills

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- **AWS DevOps & CI/CD:** GitHub Actions, AWS CodePipeline, Git, Python (Boto3), Shell Scripting
- **Infrastructure as Code:** Terraform, AWS CloudFormation, Packer
- **Containers & Microservices:** Docker, **Amazon ECS**, AWS Fargate, **Microservices Architecture**
- **Monitoring & Observability:** Prometheus, Grafana, CloudWatch, CloudTrail, AWS X-Ray
- **AWS Cloud Platform:**
  - **Compute & Storage:** EC2, Lambda, S3, EBS, EFS
  - **Networking:** VPC, Route 53, API Gateway, ELB (ALB/NLB), CloudFront
  - **Database:** RDS (MySQL, PostgreSQL), DynamoDB, ElastiCache
  - **Security:** IAM, KMS, Secrets Manager, IAM Identity Center, WAF
- **Programming Languages:** Python, JavaScript (Node.js), Shell, SQL

## Professional Experience

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**Sumo Logic** — *Solutions Engineer*

Jan 2026 – Present

- **Platform Integrations:** Architected and implemented end-to-end integrations between Sumo Logic and enterprise platforms including **ADP, Greenhouse, Jira, and Google Forms**, enabling centralized log ingestion and real-time event monitoring across HR, recruiting, and project management workflows.
- **Data Engineering Collaboration:** Partnered with the Data Engineering team to design and deploy data ingestion pipelines from multiple third-party platforms into **Databricks**, leveraging **AWS Step Functions** to orchestrate multi-stage workflows, **Lambda functions** for event-driven transformations, **S3** as the staging layer, **RDS** for structured data persistence, and **VPC** for secure network boundaries.
- **AWS Identity & Access Management:** Administered **AWS IAM Identity Center** to streamline account provisioning and access governance across the organization:
  - Directly created and managed user accounts within Identity Center
  - Organized users into groups aligned with business functions and team structures
  - Enforced role-based access control (RBAC) by mapping groups to roles based on job responsibilities
  - Configured **Okta as the external Identity Provider (IdP)** for Single Sign-On (SSO), enabling seamless and secure federated authentication across all AWS accounts

- **Security Architecture:** Applied security best practices across deployments including **KMS encryption** for data at rest, **Secrets Manager** for credential management, **WAF** rules for API protection, and **VPC** segmentation with private subnets and security group policies to enforce least-privilege network access.

Cognizant, Bangalore — *DevOps Engineer*

Dec 2021 – Dec 2025

- **DevOps Transformation:** Drove the adoption of **AWS DevOps** best practices, enhancing collaboration between development and operations teams, leading to a **40%** faster feature delivery cycle.
- Orchestrated the migration of monolithic applications to a decoupled **microservices architecture** using Docker and **ECS Fargate**, utilizing Application Load Balancers for efficient traffic distribution.
- Automated the provisioning of end-to-end AWS infrastructure using modular Terraform, achieving **100% configuration consistency** and reducing deployment time by **40%**.
- Implemented a robust monitoring stack using Prometheus, Grafana, and AWS X-Ray to visualize **ECS microservices** metrics and distributed traces, improving incident response time by **30%**.
- Established a secure Terraform remote backend using S3 with DynamoDB state locking, enabling safe and collaborative infrastructure management.
- Developed serverless applications with AWS Lambda to automate interactions with DynamoDB, S3, and SNS, resulting in a **25% reduction in operational costs**.

## Education

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IERT Prayagraj — *B.Tech in Computer Science, 79%*

July 2017 – June 2021

## Projects

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- **SentinelNotify – Serverless Intrusion Notifier** — A serverless solution to detect unauthorized system access using Lambda (**Python & JavaScript**), DynamoDB, and Step Functions. Infrastructure is provisioned via modular Terraform. CI/CD pipelines built with **GitHub Actions** ensure automated testing and seamless deployment. On detecting an anomaly, Lambda triggers SNS alerts and executes remediation workflows.
- **PDFExtractor – Serverless PDF Content Processor** — Allows users to upload PDFs to S3, triggering a Lambda function to extract text and store it as JSON. The entire deployment process was automated using **GitHub Actions**, which built the application's Docker container, pushed it to Amazon ECR, and updated the corresponding **ECS Fargate service** without downtime.
- **Microservices Deployment Pipeline with IaC** — Developed a comprehensive CI/CD pipeline using **GitHub Actions** and modular **Terraform** to automate the deployment of a multi-tier **microservices** application to **AWS ECS**. The pipeline managed distinct configurations for development, staging, and production environments using Terraform workspaces, ensuring consistent and repeatable deployments. Reduced manual deployment errors by **95%**.

## Certifications

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- **AWS Certified Solutions Architect – Associate** – Designing scalable, resilient systems on AWS. **Verified Credential**
- **AWS Certified Developer – Associate** – Developing, deploying, and debugging cloud applications on AWS. **Verified Credential**