

Anshuman Mohapatra

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Cloud & DevOps Engineer skilled in AWS serverless, Kubernetes, CI/CD, and Infrastructure as Code. Experience deploying scalable cloud systems, building GitOps pipelines, and optimizing deployments. Currently leading cloud engineering team, reducing deployment time by 85% while maintaining high availability. Passionate about automation, security, and cloud-native architecture.

Experience

AWS Cloud Engineer Intern (Team Lead) - F13 Technologies

Sep 2025 – Present

Remote

- Leading team of 4 engineers in deploying production-grade AWS serverless applications, improving sprint velocity by 40%
- Built Resume Parser & Job Matching System processing 1000+ resumes/month using AWS Lambda, Textract, and DynamoDB
- Developed Cloud File Storage System with AWS Cognito authentication, S3 storage, Infrastructure as Code using CloudFormation, achieving sub-300ms API response times
- Earned 6 AWS certifications in first month covering Cloud Economics, Containers, Migration, and Generative AI Essentials

Projects

Cloud File Storage System | AWS Lambda, S3, DynamoDB, Cognito, CloudFormation

Oct 2025 – Nov 2025

- Built serverless file storage with 6 Lambda functions handling upload, download, sharing, and authentication workflows
- Implemented presigned URL-based secure sharing with real-time dashboard and drag-and-drop interface
- Achieved one-command CloudFormation deployment enabling rapid environment setup and teardown

Resume Parser & Job Matching System | AWS Lambda, Textract, DynamoDB, API Gateway

Oct 2025 – Nov 2025

- Built serverless pipeline using Lambda, Textract, DynamoDB & S3 for automated resume text extraction and parsing
- Automated screening for 1000+ resumes/month, reducing manual effort by approximately 90%
- Designed event-driven architecture using S3 triggers and DynamoDB Streams for real-time processing

3-Tier DevSecOps Project | React.js, Node.js, MySQL, Docker, Kubernetes, Jenkins

Aug 2025

- Transformed 3-tier web application into containerized system with comprehensive CI/CD and security scanning
- Implemented GitOps deployment using ArgoCD for declarative infrastructure management and automated rollouts
- Reduced deployment time by 80-85% while maintaining system uptime above 99%

2-Tier Flask Application - Multi-Platform Deployment | Flask, Docker, Kubernetes, AWS EKS

Aug 2025

- Containerized Flask application and deployed across local Kubernetes and AWS EKS using Helm charts
- Configured HPA, PVC for MySQL, and implemented ConfigMaps/Secrets for environment-specific configuration

FinOps - Cloud Cost Optimization for CI/CD Logging | Shell Scripting, AWS S3, ELK

Jun 2025

- Reduced CI/CD logging costs by 50% migrating from ELK stack to S3 with intelligent lifecycle policies
- Automated log archival and retention using Shell scripts while maintaining compliance requirements

E-Commerce Three-Tier Application on AWS EKS | AWS EKS, Kubernetes, Microservices, ALB

Jun 2025

- Deployed production-grade microservices E-Commerce app (Stan's Robot Shop) on Amazon EKS with 11 interconnected services
- Implemented enterprise cloud-native architecture with AWS Application Load Balancer ensuring high availability

AWS Resource CLI Tool | Shell Scripting, AWS CLI, Bash

Jul 2025

- Developed Shell script automating AWS resource inventory across 14+ services (EC2, RDS, S3, IAM, Lambda, CloudWatch)
- Reduced manual resource auditing time by 90% (70 minutes to 70 seconds) for rapid infrastructure assessment

Education

B.Tech - Computer Science

ITER, SOA University

2022 – Present

Senior Secondary, CBSE

St. Xavier's High School

2020 – 2022

Secondary, CBSE

DAV Public School

2010 – 2020

Certifications

- AWS Cloud Economics
- AWS Technical Essentials
- AWS Containers (Technical)
- AWS Digital Sovereignty
- AWS Migration Essentials
- AWS Generative AI Essentials

Technical Skills

Cloud & DevOps: AWS (Lambda, S3, EKS, EC2, DynamoDB, Textract, Cognito, CloudFormation, API Gateway, VPC, IAM), Docker, Kubernetes (Deployments, Services, Ingress, HPA, PVC, ConfigMaps, Secrets), Terraform, ArgoCD, Jenkins, GitHub Actions, Helm, Ansible

Programming: Python, JavaScript, Shell Scripting (Bash), Java, C++

Infrastructure & Networking: Linux Administration (Ubuntu, Amazon Linux), VPC, Subnets, Security Groups, NAT Gateway, Route Tables, Load Balancers

Tools & Practices: Git, CI/CD, GitOps, Infrastructure as Code, FinOps, SonarQube, Trivy, Prometheus, Grafana