

# 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

<b>AWS Cloud Engineer Intern (Team Lead) - F13 Technologies</b>	<i>Sep 2025 – Present</i>
<i>Remote</i>	
<ul style="list-style-type: none"><li>• Leading team of 4 engineers in deploying production-grade AWS serverless applications, improving sprint velocity by 40%</li><li>• Built Resume Parser &amp; Job Matching System processing 1000+ resumes/month using AWS Lambda, Textract, and DynamoDB</li><li>• Developed Cloud File Storage System with AWS Cognito authentication, S3 storage, Infrastructure as Code using CloudFormation, achieving sub-300ms API response times</li><li>• Earned 6 AWS certifications in first month covering Cloud Economics, Containers, Migration, and Generative AI Essentials</li></ul>	

## Projects

<b>Cloud File Storage System   AWS Lambda, S3, DynamoDB, Cognito, CloudFormation</b>	<i>Oct 2025 – Nov 2025</i>
<ul style="list-style-type: none"><li>• Built serverless file storage with 6 Lambda functions handling upload, download, sharing, and authentication workflows</li><li>• Implemented presigned URL-based secure sharing with real-time dashboard and drag-and-drop interface</li><li>• Achieved one-command CloudFormation deployment enabling rapid environment setup and teardown</li></ul>	
<b>Resume Parser &amp; Job Matching System   AWS Lambda, Textract, DynamoDB, API Gateway</b>	<i>Oct 2025 – Nov 2025</i>
<ul style="list-style-type: none"><li>• Built serverless pipeline using Lambda, Textract, DynamoDB &amp; S3 for automated resume text extraction and parsing</li><li>• Automated screening for 1000+ resumes/month, reducing manual effort by approximately 90%</li><li>• Designed event-driven architecture using S3 triggers and DynamoDB Streams for real-time processing</li></ul>	
<b>3-Tier DevSecOps Project   React.js, Node.js, MySQL, Docker, Kubernetes, Jenkins</b>	<i>Aug 2025</i>
<ul style="list-style-type: none"><li>• Transformed 3-tier web application into containerized system with comprehensive CI/CD and security scanning</li><li>• Implemented GitOps deployment using ArgoCD for declarative infrastructure management and automated rollouts</li><li>• Reduced deployment time by 80-85% while maintaining system uptime above 99%</li></ul>	
<b>2-Tier Flask Application - Multi-Platform Deployment   Flask, Docker, Kubernetes, AWS EKS</b>	<i>Aug 2025</i>
<ul style="list-style-type: none"><li>• Containerized Flask application and deployed across local Kubernetes and AWS EKS using Helm charts</li><li>• Configured HPA, PVC for MySQL, and implemented ConfigMaps/Secrets for environment-specific configuration</li></ul>	
<b>FinOps - Cloud Cost Optimization for CI/CD Logging   Shell Scripting, AWS S3, ELK</b>	<i>Jun 2025</i>
<ul style="list-style-type: none"><li>• Reduced CI/CD logging costs by 50% migrating from ELK stack to S3 with intelligent lifecycle policies</li><li>• Automated log archival and retention using Shell scripts while maintaining compliance requirements</li></ul>	
<b>E-Commerce Three-Tier Application on AWS EKS   AWS EKS, Kubernetes, Microservices, ALB</b>	<i>Jun 2025</i>
<ul style="list-style-type: none"><li>• Deployed production-grade microservices E-Commerce app (Stan's Robot Shop) on Amazon EKS with 11 interconnected services</li><li>• Implemented enterprise cloud-native architecture with AWS Application Load Balancer ensuring high availability</li></ul>	
<b>AWS Resource CLI Tool   Shell Scripting, AWS CLI, Bash</b>	<i>Jul 2025</i>
<ul style="list-style-type: none"><li>• Developed Shell script automating AWS resource inventory across 14+ services (EC2, RDS, S3, IAM, Lambda, CloudWatch)</li><li>• Reduced manual resource auditing time by 90% (70 minutes to 70 seconds) for rapid infrastructure assessment</li></ul>	

## 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