Anshuman Mohapatra

GitHub | **Portfolio**

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PROJECTS

Azure DevOps Migration – Voting App (Jul 2025)
Migrated multi-service app from GitHub Actions to Azure Pipelines with ACR + Kubernetes deployment.
[Azure DevOps, GitOps, CI/CD, Docker, Kubernetes]

AWS Resource CLI Tool (Jul 2025)
Built an interactive Bash CLI for managing 14+ AWS services to simplify auditing.
[Bash, AWS CLI, Shell Scripting]

FinOps Logging Cost Optimizer (Jul 2025)
Reduced Jenkins logging costs by redirecting logs to S3 with FinOps automation.
[FinOps, CI/CD, AWS S3, Shell]

Production Kubernetes Infra via Terraform (Jun 2025)
Provisioned production–grade Kubernetes with GitOps–enabled Terraform automation.
[Terraform, GitOps, Kubernetes, AWS]

CI/CD Orchestrator with Jenkins & ArgoCD (Jun 2025)
Integrated Jenkins, SonarQube, Trivy with ArgoCD for secure Kubernetes delivery.
[Jenkins, Kubernetes, ArgoCD, Trivy, SonarQube]

E-Commerce 3-Tier App on AWS EKS (Jun 2025)
Deployed scalable microservice architecture with LB, autoscaling, observability.
[Kubernetes, AWS EKS, Microservices]

Netflix Clone – Full Stack + K8s (Jun 2025)
React–Node app containerized & deployed via GitHub Actions to Kubernetes.
[React, Node.js, Docker, Kubernetes, CI/CD]

Chat App with CI/CD & Kubernetes (Apr 2025)
Full–stack chat app deployed via GitHub Actions + K8s for cloud-native scalability.
[React, Node.js, MongoDB, GitHub Actions, Kubernetes]

Wanderlust MERN Travel Planner (May 2025)
MERN–based travel app with MongoDB clustering & scalable K8s services.
[MERN Stack, MongoDB, Kubernetes]

LangChain Chatbot API (Feb 2025)
Built contextual AI chatbot using Flask & LangChain with REST API backend.
[Python, Flask, LangChain, NLP]

Crypto Data Automation Tool (Feb 2025)
Fetched & analyzed CoinGecko API data every 5 min, stored with Pandas.
[Python, REST API, Pandas, CoinGecko]

Containerized Code Execution Platform (Feb - Mar 2025)
Secure backend to run multi-language code in isolated containers via API.
[Docker, K8s, Flask, REST API, Security]

Flask Blog App (Oct–Dec 2024)
Blog with authentication, secure CRUD, and ORM using SQLAlchemy.
[Flask, SQLAlchemy, Jinja2, Flask–Bcrypt]

SKILLS

Cloud & DevOps: AWS (EC2, S3, EKS, IAM, CLI), Azure DevOps, Docker, Kubernetes, Helm, Terraform, ArgoCD, GitOps, CI/CD (GitHub Actions, Jenkins), Kind, YAML, Ansible, FinOps

Programming: Python, Java, JavaScript, C++,C

Architecture & Automation: Microservices architecture, Container orchestration, Infrastructure as Code (IaC), Secure Code Execution, Cost Optimization

Tools: Git, GitHub, Jenkins, Prometheus, Grafana, SonarQube, Trivy, Maven, Bash, Shell Scripting

Web Technologies: Flask, REST APIs, SQLAlchemy, HTML/CSS, Jinja2

AI Integration: LangChain, Hugging Face, FAISS

ADDITIONAL EXPERIENCE

Financial Consultant — HDFC Life
Built communication, client management skills and sales.

Content Creator & Editor
Created videos using Premiere Pro, DaVinci Resolve, Audacity. Boosted clarity by 95% with noise reduction.

EDUCATION

B.Tech - Computer Science & Engineering, ITER, SOA University, 2022 – 2026

Senior Secondary, CBSE, St. Xavier's High School | 2022

Secondary, CBSE, DAV Public School, 2020