

# GAGAN WANJARI

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## Summary

Detail-oriented Cloud Engineer with hands-on experience in AWS, infrastructure automation, and backend development. Skilled in managing cloud resources, optimizing system performance, and developing secure, scalable applications. Proficient in Python, C++, JavaScript, Node.js, and React with a strong understanding of DevOps tools (Docker, Kubernetes). Passionate about leveraging cloud technologies to deliver reliable and efficient solutions.

## Professional Experience

**AI Cloud Engineer** | Tata Consultancy Services (JUN 2024 – Present)

- Managed and optimized core AWS services including EC2, Lambda, S3, RDS, DynamoDB, and CloudFormation.
- Reduced manual maintenance effort by 30% by developing automation scripts and implementing robust monitoring using AWS Systems Manager (SSM) and CloudWatch alerts.
- Deployed and managed containerized applications using Docker and Kubernetes, improving deployment efficiency and scalability.
- Maintained high-security posture and compliance by managing fine-grained IAM policies and automating patch updates, resulting in zero critical security incidents.

**Backend Development Intern** | Asset Chain Techlligence Pvt. Ltd. (JUN 2022 – NOV 2022)

- Contributed to a Blockchain-based credential management system, enhancing backend performance and reliability.
- Debugged and optimized backend functionality using Node.js, JavaScript, and REST APIs.
- Improved website load time by 25% and implemented Git-based version control for collaborative development.

## Projects

**Cloud-Native CI/CD Pipeline** | Personal Project (2024)

- Designed and deployed a containerized Python (Flask) microservice on AWS using Docker and Amazon EKS (Kubernetes).
- Implemented a full CI/CD pipeline using AWS CodePipeline and CodeBuild, automating testing and deployment.
- Managed all infrastructure as code (IaC) using AWS CloudFormation to ensure reproducible and version-controlled environments.

**Product Authentication System** | Final Year Project (2023)

- Designed a decentralized application for verifying product authenticity to combat counterfeiting.
- Built and tested smart contracts in Solidity; integrated with a ReactJS frontend using JavaScript.
- Utilized Ganache for local blockchain simulation, enhancing transaction reliability and transparency.

## Education

**Shri Sant Gajanan Maharaj College of Engineering, Shegaon (MH)** | 2019 – 2023

B.E. Computer Science and Engineering | CGPA: 8.0/10

**The Aditya Birla Public School, Awarpur (MH)** | 2018 – 2019

Class 12 (CBSE) | Percentage: 92.8%

## Technical Skills

**Cloud:** AWS (EC2, S3, Lambda, RDS, EKS, CloudFormation, IAM), Azure (Compute, Storage, AI Fundamentals)

**DevOps:** Docker, Kubernetes, AWS SSM, CloudWatch, Git, CI/CD

**Languages:** Python, C++, JavaScript, Node.js, SQL

**Databases:** MySQL, MongoDB, DynamoDB

**Concepts:** OOPs, Data Structures and Algorithms, REST APIs

## Certifications

Microsoft Azure AI Fundamentals (AI-900)

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