SAMARTH GARDE

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Career Objective

As a Computer Engineering graduate with hands-on experience in AWS, CI/CD automation, and Infrastructure as Code (IaC), I am passionate about building and managing scalable, secure, and cost-efficient cloud environments.
My projects and internship experience have given me practical exposure to automating deployments, containerizing applications, and optimizing cloud workflows using tools like Docker, Kubernetes, Ansible, and Terraform.

Technical Skills

Cloud & IaC: AWS (EC2, S3, Lambda, IAM), Terraform, Ansible, Kubernetes
DevOps & Automation Tools: Docker, Jenkins, GitHub Actions, GitLab CI/CD
Programming & Scripting: Python, Bash
Systems & Databases: Linux, MySQL
Networking & Security: TCP/IP, Routing, Firewalls, IAM Policies
Version Control: Git, GitHub, GitLab

Projects

1. **ML App Deployment on Cloud (Mushroom Classifier) – Python, Streamlit, Docker, GitHub, Render**
   - Containerized ML model with Docker for portability and consistent environments.
   - Implemented CI/CD pipeline from GitHub → Render, enabling zero-downtime deployments.
   - Deployed Streamlit app with 200+ active demo users.
   - Live Demo: https://mushroom-trio-classifier.onrender.com/

2. **Automated EC2 Instance Start/Stop using AWS Lambda & EventBridge – AWS Lambda, EventBridge, Python**
   - Built Lambda functions to schedule EC2 start/stop, cutting test environment costs by 60%.
   - Configured EventBridge Scheduler with cron expressions for precise automation.
   - Implemented least privilege IAM roles for secure automation.
   - GitHub Repo: https://github.com/samarthgarde/ec2-automation-lambda

3. **CI/CD Pipeline Automation – GitHub Actions, Docker, EC2**
   - Automated deployment of Python app via Dockerized pipeline, reducing manual deployment steps by 50%.
   - Configured GitHub Actions workflows to build, test, and deploy to AWS EC2.
   - Achieved faster deployments (30 mins → <10 mins) improving developer productivity.

Internship Experience

AWS Cloud Intern – Sumago InfoTech, Pune (Dec 2023 – feb 2024)

- Automated EC2 scaling with Bash scripts, reducing manual provisioning effort by 40%.
- Configured secure S3 bucket policies for static website hosting.
- Worked on real-world AWS services, strengthening practical DevOps skills.

Education

B.E. Computer Engineering – Savitribai Phule Pune University (2021–2025)
CGPA: 7.61/10
HSC (12th) – Shri Vridheshwar Junior College, Maharashtra State Board (2021) – 83.20%

Certifications

- **AWS Certified Cloud Practitioner** – GeeksforGeeks (July 2025)
- **AWS Solutions Architect (Training)** – Udemy (July 2025)
- **Kubernetes Security Specialist (Training)** – Udemy (July 2025)

Additional Activities

Soft Skills: Collaboration (Agile/Scrum) | Troubleshooting | Documentation | Problem-Solving.
Awards: Coding Competition award during college fest.
Hobbies: Photography, Music, Online Gaming