Yash Wagh

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EDUCATION

VIT Bhopal University   Bhopal
Btech CSE Specilization in Cloud Computing and Automation 8.28 CGPA   *2022 – 2026*

TECHNICAL SKILLS

Cloud Platforms :AWS (EC2, S3, RDS, VPC, IAM, Lambda, ELB, Route 53, DynamoDB, RDS, SNS, CloudWatch), GCP

DevOps Tools:Jenkins, Circle CI, GitHub Actions, Terraform, Docker, SonarQube, Prometheus, Trivy

Programming Languages: Python, C++, Bash

Monitoring Logging: CloudWatch, Grafana, ELK

Infrastructure as Code (IaC) : Terraform, AWS CloudFormation

Other Tools :Git, Jira, Slack, VS Code

TECHNICAL PROJECTS

Smart Farming Platform *HTML, CSS, Python, AWS EC2, S3, GitHub Actions*   Jan 2025 – April 2025
- Developed a smart farming web application integrating AI tools to assist farmers with crop health monitoring and decision-making.
- Implemented a CNN-based image classification model to detect crop diseases such as blight and rust with 95% accuracy.
- Stored image datasets and IoT sensor data in AWS S3 for scalable access and processing.
- Designed and deployed a CI/CD pipeline using GitHub Actions to automate testing and deployment.
- Deployed application on AWS EC2 using a modular and scalable microservices architecture.

Multi-AI Chat Platform *Jenkins, AWS, Docker, React, Spring Boot*   May 2025 – June 2025
- Built an end-to-end CI/CD pipeline in Jenkins for a full-stack application (React + Spring Boot), reducing deployment time by 60%.
- Integrated SonarQube for static code analysis and Trivy for container vulnerability scanning, enhancing release security by 40%.
- Optimized Maven and Node.js build stages using layered caching, resulting in a 35% reduction in build time.
- Automated frontend build using npm + Vite and deployed artifacts to AWS S3; deployed backend via Docker on AWS EC2.

CERTIFICATIONS

- **AWS Certified Cloud Practitioner**
  https://www.credly.com/badges/e5cff5fc-de65-4156-8e0b-da4e370223b4/public$_url$
- **AWS Technical Essentials**
  https://coursera.org/verify/6R076EIIC9CQ
- **IBM DevOps, IBM**
  https://courses.ibmcep.cognitiveclass.ai/certificates/7c2c018822b64860a676e262ea510070

ACHIEVEMENTS

- **Completed 100-Day AWS & DevOps Challenge**
  Documented hands-on learning and project work daily on LinkedIn, demonstrating consistency, practical expertise, and community engagement in AWS and DevOps.
- **Participant – Flipkart GRiD Hackathon**
  Engaged in real-world problem-solving as part of Flipkart's national-level tech innovation competition.
- **Participant – Build with India Hackathon**
  Collaborated on innovative solutions contributing to India's digital transformation, fostering teamwork and rapid prototyping under deadline-driven conditions.