

# Yash Wagh

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## EDUCATION

### VIT Bhopal University

Btech CSE Specilization in Cloud Computing and Automation 8.2 CGPA

Bhopal

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 Technical Essentials**  
<https://coursera.org/verify/6R076EII9C9CQ>
- **Introduction to Cloud Computing, IBM**  
<https://coursera.org/verify/XVCY4UZ7CTMH>
- **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.