

# Harsh Vardhan Singh

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## EDUCATION

### Bachelor of Technology in Computer Science and Engineering

Galgotias University • 08/2022 - 05/2025

### Diploma in Mechanical Engineering Automobile

BTEUP College • Aligarh • 03/2019 - 03/2022

## WORK EXPERIENCE

### Rapidcode Technologies • Uttar Pradesh, India • On-site • 08/2019 - 12/2019

#### Intern

- Code & Learnt Robotics, Internet Of Things
- Worked on Python

## PROJECTS

### CloudDeployPro • 09/2023 - 12/2024

CloudDeployPro is a project that focuses on deploying Spring Boot applications on Amazon EC2 instances using Docker containers. It streamlines the deployment process, enhances scalability, and ensures efficient resource utilization for running Java-based web applications.

### AgriShield • 03/2023 - 06/2024

AgriShield is an innovative system that uses IoT devices and machine learning algorithms to protect crops from pests and diseases. It monitors environmental conditions, detects threats early, and provides automated responses to ensure crop health and yield optimization.

### DockerNginxHost • 01/2024 - 03/2024

This Project helps in hosting a website using Nginx web server within Docker containers and managing domain routing with Amazon Route 53. It optimizes website performance, enhances security, and provides reliable domain management capabilities.

### CreditRiskAnalyzer • 12/2022 - 02/2023

This project focuses on predicting whether a loan applicant is likely to default or not. It uses machine learning algorithms to analyze applicant data and generate risk scores, helping financial institutions make informed decisions about loan approvals.

### RealEstateForecast • 08/2022 - 10/2022

This project involves building a machine learning model to predict house prices based on various features such as location, size, amenities, etc. It utilizes historical data to train the model and then provides accurate price estimates for real estate properties.

## AWARDS & SCHOLARSHIPS

### NEXUS Award for Best Robowar • 04/2019

IIIT, Delhi

## SKILLS

### Devops

- AWS
- Docker
- Nginx
- EC2
- S3 Buckets
- SNS
- AWS Lambda
- EBS
- Route 53
- Linux

### Technology and Languages

- Python (Programming Language)
- Java
- SQL
- Object-Oriented Programming (OOP)
- Machine Learning

## CERTIFICATIONS

### AWS Academy Graduate - AWS Academy Cloud Architecting

09/2023 - Present

Amazon Web Services (AWS)

### AWS Academy Graduate - AWS Academy Cloud Foundations

09/2023 - Present

Amazon Web Services (AWS)

### IBM Introduction to Data Science Specialization

01/2023 - Present

IBM

### Advance Python Programming

03/2022 - Present

Codecademy