

# Omkar Mulge

Roll No.: 22AG1A6743

Bachelor of Technology

ACE Engineering College, Hyderabad

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🔗 GitHub Profile

🌐 LinkedIn Profile

## EDUCATION

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|---|------------|
| • <b>Bachelor of Technology in Computer Science and Engineering(Data Science)</b> | 2022-2026  |
| ACE Engineering College, Hyderabad  | CGPA: 7.65 |
| • <b>Telangana Board of Intermediate Education(12th Class)</b>                    | 2020-2022  |
| Nalla Malla Reddy Junior college, Hyderabad                                       | CGPA: 8.04 |
| • <b>Telangana Board of Secondary Education(10th Class)</b>                       | 2019-2020  |
| MJPTSBCWRSchool Doulothabad   | CGPA: 10   |

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C, Python, Java, Javascript, HTML+CSS

**Web Dev Tools:** Nodejs, VScode, Git, Github

**Frameworks:** ReactJs

**Cloud/Databases:** MongoDB, Relational Database(mysql)

**Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.

**Areas of Interest:** Web Design and Development, Computer Networks.

**Soft Skills:** Problem Solving, Self-learning, Presentation, Adaptability

## PERSONAL PROJECTS

### • Job Board – AWS Serverless Application

*GitHub Repository*

- Built a job posting platform using AWS Lambda, API Gateway, DynamoDB, and S3, following serverless architecture.
- Users can post job listings, view available jobs, and manage them through a fully functional API.
- Implemented CRUD operations with DynamoDB and used S3 to serve static frontend assets.
- Technology Used: AWS Lambda, API Gateway, DynamoDB, S3, Serverless Framework, JavaScript.

### • Air Canvas (Python, OpenCV, NumPy)

*GitHub Repository*

- Developed a virtual drawing application that allows users to draw on the screen using hand gestures.
- Implemented computer vision techniques using OpenCV to track hand movements and detect gestures.
- Used NumPy for efficient image processing and real-time tracking.
- Technology Used: Python, OpenCV, NumPy, MediaPipe, Computer Vision.

## COURSES & CERTIFICATION

### • CCNA: Introduction to Networks(Cisco Networking Academy)

Jan 2025

- Gained knowledge of network fundamentals, including IP addressing and subnetting.
- Learned about network protocols, OSI & TCP/IP models, and basic network configurations.

### • Networking Devices and Initial Configuration(Cisco Networking Academy)

Dec 2024

- Explored different networking devices such as routers, switches, and firewalls.
- Practiced initial setup and configuration of network devices using CLI commands.

### • AWS Academy Graduate – Machine Learning Foundations

Jun 2025

- Gained foundational understanding of machine learning concepts and AWS services for ML workflows.
- Covered supervised and unsupervised learning, model evaluation, and deployment on AWS.

### • AWS Academy Graduate - AWS Academy Cloud Foundations

May 2025

- Learned key cloud computing concepts including IaaS, PaaS, and SaaS models.
- Understood basic AWS services and their roles in real-world cloud environments.