

# ANANYA MISHRA

Gorakhpur, Uttar Pradesh, India

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## Professional Summary

Science undergraduate specializing in Cloud Computing with hands-on experience in AWS (EC2, S3, Lambda), full-stack development (MERN stack), Blockchain, and Generative AI. Skilled in building scalable, distributed applications and solving real-world problems using high-performance systems. Strong foundation in Data Structures, Algorithms, System Design, and Software Engineering principles. Collaborative engineer with a growth mindset and a passion for interdisciplinary innovation.

## Education

### VIT Bhopal University

B.Tech in Computer Science (Cloud Computing), CGPA: 8.89

Sep 2022 – May 2026

Bhopal, MP

### Little Flower School, Gorakhpur

Senior Secondary (12th Grade), CBSE: 93%

Completed 2021

Gorakhpur, UP

### Little Flower School, Gorakhpur

Secondary (10th Grade), CBSE: 94%

Completed 2019

Gorakhpur, UP

## Relevant Coursework

- Data Structures and algorithms, System Design
- DBMS
- AI and ML
- Cloud Computing
- Computer Networks
- Programming Languages
- Web Development
- AWS
- OOP Principles
- Operating Systems

## Technical Skills

**Languages:** Python, Java, C++, JavaScript

**Web:** HTML5, CSS3, React.js, Node.js

**Tools:** Git, GitHub Actions, Cisco Packet Tracer, VS Code

**Cloud:** AWS (EC2, S3, VPC, CloudWatch, Athena, EBS)

**Others:** REST APIs, OOP, Edge Fog Computing

## Projects

### Image Steganography Tool | Python, Flask

Built LSB-based tool for encoding/decoding secret messages within images.

### AI Mock Interview System | Next.js, Tailwind CSS, Vapi, Firebase

Developed a real-world skills-oriented platform for mock interviews using Generative AI.

Front-end built with Next.js and Tailwind; backend powered by Vapi and Firebase for authentication and data storage.

### Responsive Front-End Websites | HTML5, CSS3, JavaScript, React.js

Blinkit Clone: Full responsive front-end implementation replicating features such as product browsing, search, and cart UI.

Blog Website: Dynamic blog platform with features like post listings, navigation, and mobile-friendly design.

## Certifications and Achievements

- Blockchain Fundamentals (IBM, 2025)
- Blockchain Developer (IBM, 2025)
- GenAI using IBM Watsonx (IBM, 2025)
- Java Programming for Beginners (Udemy, 2025)
- Oracle Certified Associate Java Programmer (Udemy, 2025)
- HTML, CSS, JavaScript for Web Developers (Coursera, 2024)
- Machine Learning with Python: Fundamentals (Vityarthi, 2023)
- Fundamentals of AI and ML (Vityarthi, 2023)
- MATLAB Onramp, Simulink Onramp (2022)

## Soft Skills

- Team Collaboration Leadership
- Public Speaking Presentation
- Critical Thinking Problem Solving
- Time Management Organization
- Adaptability Learning Agility
- Communication (Written Verbal)

## Extra-Curricular Activities

**Coding Blocks Club:** Competitive coding, hackathons

**Music Band Club:** Team performances, creative expression