

# Mansi Singh

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## Education

**VIT Bhopal University, Madhya Pradesh**, B.Tech in Computer Science and Engineering 2022 - 2026

- CGPA: 8.19/10.0

**BNSD Shiksha Niketan Inter College (UP BOARD)** 2019 - 2021

- Intermediate XII: 81.2
- Highschool X: 83.8

## Skills

**Technical Skills:** Java (DSA), Python, C++, SQL, HTML, CSS, JavaScript

**Software Tools:** Autopsy, Maltego, Splunk, Wireshark, Kubernetes, Burp Suite

## Certifications

- **Data Analyst**, Meta (ongoing)
- **Java Foundation Associate**, Oracle
- **AWS Solutions Architect**, AWS Academy
- **Postman API Fundamentals Student Expert**, Postman
- **TryHackMe**, Web Fundamentals, Pre - Security Learning Path, Intro to Cyber Security
- **The Bits and Bytes of Computer Networking**, Google, Coursera
- **Foundations of Cyber Physical Systems**, NPTEL, IIT Kharagpur
- **Intro to SQL**, Kaggle

## Experience

**The Red Users:** Cyber Security Intern from February 2025 to March 2025

**Codec Technologies:** Cyber Security Intern from May 2025 to June 2025

## Projects

### Pictoshield

- A Web-Based Graphical Password Authentication System for Improved Security and Easy Integration.
- Implementing the use of hashing, salted hashing, and JWT.
- Technologies used: HTML, CSS, JavaScript, PHP, and Python.

### Aerogriff

- Aerogriff is an innovative drone solution designed for agricultural monitoring, providing farmers with real-time insights into crop health and field conditions.

## Achievements

**Hackerrank:** 5 stars in C++, 5 stars in Python, 4 stars in Java, 5 stars in SQL

**Leetcode:** 110 problems

**Google Cloud Badges:** Digital Transformation with Google Cloud, Exploring Transformation with Google Cloud, Innovating with Google Cloud Artificial Intelligence, Modernize Infrastructure and Applications with Google Cloud, Trust and Security with Google Cloud, Scaling with Google Cloud Operations

**LetsDefend Badges:** Network Cable, SOC Member, SIEM 101, Incident Management, IT Security Expert, Powershell Script, XLS Detector, Phishing Analyzer, Header Analyst

**Extra-curricular:** Content team lead at iOS Club and Non-Tech domain lead at Cyber Warriors Club.