

# AAFIYA CHOUDHARY

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## Education

### VIT Bhopal University

Bachelor of Technology in Computer Science and Engineering - CGPA: 8.85

Sep 2022 - Oct 2026

Sehore, Madhya Pradesh

## Technical Skills

**Programming Languages:** Python, C++, SQL, HTML/CSS

**Machine Learning:** Scikit-Learn, Pandas, NumPy, Random Forest, Gaussian Naive Bayes algorithms, Decision Tree

**Cloud & Tools:** AWS, Git, VS Code, MS Excel, MS Powerpoint, MS Word

**AI automation tools:** ChatGPT, Claude, Gemini

**Databases & Frameworks:** MySQL, Streamlit

## Experience

### Tech Superior Consulting

Dec 2024 - Jan 2025

Software Development Engineer Intern

Gurugram, Haryana

- Conducted user research with HR teams to identify workflow pain points, then designed and implemented UI solutions for CRM and PMS (Performance Management System) modules of an **AI-powered SaaS HR ERP software**, improving overall HR process efficiency by 15%
- Enhanced **5+ responsive web components** including platform's dashboard and ticket management components, resulting in a 60% reduction in page load times and improved user satisfaction based on internal surveys.
- Streamlined documentation** for HR workflow automation modules, partnering with cross-functional development teams to ensure 99% platform stability and performance optimization for enterprise client onboarding.

## Projects

**Agro-Assistance** | Python, Machine Learning Algorithms, Data Analysis, API Integration | [Link](#)

Dec 2024 - Feb 2025

- Launched an AI-powered agricultural platform serving 30K+ users with 93% water usage prediction accuracy using Random Forest algorithm.
- Configured REST APIs, processing 15K+ daily ML predictions using Random Forest and Linear Regression models trained on 1000+ agricultural datasets, reducing farmer crop losses by 35% through predictive analytics.
- Architected responsive web interface components, resulting in an 85% user satisfaction rate with mobile-optimized dashboards for real-time insights.

**MediGram** | Machine Learning models, Plotly, NumPy, Streamlit | [Link](#)

Oct 2023 - Jan 2024

- Engineered a cancer cell classifier web application using HTML, CSS, JavaScript, and Machine Learning models to enhance early cancer diagnosis.
- Executed data cleaning and preprocessing, leading to a **47%** increase in model performance, while reserving **33%** of data for testing.
- Deployed Decision Tree, and Gaussian Naive Bayes algorithms with accuracy ranging from **84%** to **94.14%**.

## Achievements

- Ranked among the **top 50 teams** to advance to the Semifinals in **TATA Elxsi Teliport Season 2** hackathon.
- HackTheBox Cyber Apocalypse: Ranked 75th globally**, showcasing advanced cybersecurity and ethical hacking expertise.
- Myntra WeForShe 2024** Ideation Round: Advanced to the next stage, ranking among the **top 1,214** candidates out of 26,232 applicants.
- Recognized as a **LinkedIn AI Top Voice** for ranking among the **top 5% contributors** in AI data science discussions.
- AWS AI/ML Scholar:** Awarded a \$4,000 scholarship, acquiring foundational skills in AI and ML using Python.
- Achieved 4-star Silver Badge in SQL (450 points) and 3-star Silver Badges in Python & C++ on [HackerRank](#).

## Extracurriculars

Management Co-lead at CloudZone Club, VIT Bhopal

Oct 2024 - Apr 2025

- Spearheaded the CloudZone Club's technical workshop program, orchestrating cloud computing seminars for over 200 students, resulting in a 40% increase in club participation and engagement.

## Certifications

- An Introduction to Artificial Intelligence:** NPTEL (Among the **Top 170** out of 55,164 learners) | [Link](#)
- Azure Data Fundamentals (DP - 900):** Microsoft | [Link](#)

## Languages

English (Fluent), Hindi (Fluent), Arabic (Basic)