

Aafiya Choudhary

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Education:

- **VIT Bhopal University** **Oct 2022-Oct 2026**
B.Tech. Computer Science And Engineering specialization in Cloud Computing And Automation
 - **Cumulative GPA:** 8.75
 - **Coursework:** Operating Systems, Database Management Systems (DBMS), Artificial Intelligence, Advanced Technical Communication, Object Oriented Programming With C++
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Technical Skills:

- **Programming Languages:** Python, C++, HTML, CSS
 - **Libraries and Frameworks:** Pandas, NumPy, Scikit-Learn, Plotly, NLP Modules, Streamlit
 - **Tools:** MS PowerPoint, MS Word, MS Excel, MATLAB, Simulink, Canva
 - **Databases and Technologies:** MySQL, Machine Learning, AI Fundamentals
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Experience:

- **Tech Superior Consulting:** **Dec 2024-Jan 2025**
SDE Intern
 - **Developed 15+ responsive web templates** using HTML, CSS, and JavaScript, ensuring cross-browser compatibility and optimized user interfaces.
 - **Executed manual and automated web application testing**, identifying and resolving defects to improve functionality and performance.
 - **Documented and reported test results** while collaborating with development teams to address software issues effectively.
 - **Trained in front-end technologies and QA methodologies**, including automation tools and manual testing processes.
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Projects:

- **Cancer Cell Classifier:** *HTML, CSS, JavaScript, ML classification models, NumPy, Plotly, Scikit-Learn, Stream Lit Framework* [Project Link](#) **Aug 2023-Nov 2023**
 - Developed a web application using HTML, CSS, JavaScript, and ML models to enhance cancer diagnosis and treatment
 - Performed data cleaning and preprocessing, leading to a **47% increase** in model performance, while strategically reserving **33%** of the data for testing.
 - Deployed SVM, Decision Tree, and Gaussian Naive Bayes algorithms with accuracy ranging from **84% to 94.14%**.
 - Pioneered a Scikit-Learn-based machine learning project, achieving **94.14%** improvement in predictive modeling accuracy.
 - **Chatbot using Python:** *Python, NLP, and Scikit-learn* [Project Link](#) **Jun 2023-Jul 2023**
 - Designed and deployed a chatbot using Python, NLP, and Scikit-learn, reducing bot response time by 50% and significantly enhancing user satisfaction and engagement metrics.
 - Implemented NLP techniques to process and analyze user input, enhancing the chatbot's understanding by **70%**.
 - Explored text classification methods for categorizing user input with **80% accuracy**.
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Certifications:

- [An Introduction to Artificial Intelligence](#): **NPTEL** (Among the **Top 170** out of 55,164 learners)
 - [Bits and Bytes of Computer Networks](#): **Google**
 - [MATLAB Onramp](#) and [Simulink Onramp](#): **MATLAB Coding**
 - [Service Models in Cloud Computing](#) and [Starting With Cloud Computing](#): **Nasscom FutureSkills**
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Achievements:

- Achieved a **4-star Silver Badge** on HackerRank in **SQL**, securing 450 points.
 - Ranked among the top **67** teams to advance to the **Semifinals in TATA Elxsi Teliport Season 2**.
 - Demonstrated exceptional coding proficiency by achieving **3-star Silver Badges** in both Python and C++ on HackerRank, solving over **70** complex algorithmic challenges within a 3-month period.
 - **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 discussions.
 - **AWS AI/ML Scholar:** Awarded a **\$4,000 worth** AWS AI/ML Scholarship, acquiring foundational skills in AI and ML using Python.
 - **HackTheBox: Cyber Apocalypse, Ranked 75th** globally, showcasing advanced cybersecurity and ethical hacking expertise.
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Languages: Fluent in Hindi, **English**, and Basic proficiency in Arabic..