

Akshat Agarwal

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https://github.com/wreckerAA

EDUCATION

VIT Bhopal University <i>Bachelor of Technology in Computer Science — 8.59 CGPA</i>	Aug. 2022 – May 2026 <i>Madhya Pradesh, Bhopal</i>
City Montessori School <i>Class XII — 90.87%</i>	Aug. 2020 – May 2021 <i>Uttar Pradesh, Lucknow</i>
City Montessori School <i>Class X — 91.82%</i>	Aug. 2018 – May 2019 <i>Uttar Pradesh, Lucknow</i>

SKILLS

Languages: C++, Java, Python, SQL, JavaScript, HTML, CSS
Frameworks: Flask, TensorFlow, PyTorch
Developer Tools: Git, GitHub, Docker, VS Code
Libraries: React, Pandas, NumPy, Matplotlib

PROJECTS

Detection of Hand Sign using CNN <i>Python, TensorFlow, Pandas, OpenCV, CNN</i>	Feb 2024
<ul style="list-style-type: none">Developed a full-working hand sign detection model to give back to the communityImplemented Convolutional Neural Network (CNN) for real-time hand sign detection, achieving 83.4% accuracy.Visualized GitHub data to show collaboration	
Spam Email Detection System <i>Python, Flask, Scikit-learn, HTML, CSS, JavaScript</i>	Jan 2025
<ul style="list-style-type: none">Developed a full-stack spam detection application integrating a Python machine learning model with a web interface.Engineered a classification model using Python and Scikit-learn for high-accuracy, feature-based spam filtering.Engineered an intuitive user interface utilizing HTML, CSS, and JavaScript, leading to a 15% reduction in page load time and a 10% increase in user session duration.Deployed the ML model using a Flask RESTful API to connect the backend processing with the user interface.	
Movie Recommendation System <i>Python, Flask, HTML, CSS, JavaScript</i>	July 2025
<ul style="list-style-type: none">Developed a full-stack movie recommendation web application, demonstrating proficiency in end-to-end project executionEngineered a content-based filtering algorithm in Python to provide relevant and personalized movie suggestionsConstructed a dynamic and responsive front-end with HTML, CSS, and JavaScript for an intuitive user experienceLeveraged the Flask framework to build a robust backend, managing server-side logic and RESTful API integration	

CERTIFICATES

- IBM Cyber Security Analyst
- IBM DevOps Fundamentals

EXTRA-CURRICULAR

Android Club Member, VIT Bhopal University <i>Event-Management Team</i>	May 2023 - May 2025
<ul style="list-style-type: none">Organized and managed high-impact club events, including DSA Tussle, a competitive programming event engaging students across all academic years, with a prize pool of INR 30,000.Coordinated logistics, participant outreach, and event execution, ensuring seamless operations and high engagement.Played a key role in recruiting and onboarding new club members from the freshman batch, fostering team growth and continuity.Developed and implemented selection processes to identify enthusiastic and skilled candidates, enhancing club dynamics.	