

Aaditya Agrawal

aadityaagrawal24@gmail.com | aaditya.agrawal22@vit.edu | +91 7909616381 | [LinkedIn](#)

OBJECTIVE

Currently pursuing a computer science engineering (artificial intelligence and machine learning) degree and actively seeking opportunities to learn and grow through coding competitions & internships.

EDUCATION

2022 – 2026	B. Tech in Computer Engineering (AIML) at Vishwakarma Institute of Technology, Pune	(CGPA: 9.05)
2022	HSC Vindhyachal Academy, Dewas	(94.00%)
2020	SSC St. Mary's Convent Sr. Sec. School, Dewas	(89.40%)

PROJECTS

Mandi Billing Automation System:

Python Flask, HTML, CSS, SQL

- Designed a web application to automate and accelerate mandi billing with one-time crop and date configuration.
- Implemented dynamic calculation of payable amounts based on bag count and price input.
- Generated Excel reports formatted for direct upload to government portals.
- Integrated SQL database to enable real-time bill management, sales tracking, and financial summaries.

Music Library:

Python Flask, SQL, MongoDB, HTML, CSS, JavaScript

- Developed a dynamic music player with user authentication, playlist management, and song browsing features.
- Stored user and song metadata in MySQL, and leveraged MongoDB for playlists and liked songs to optimize flexibility and scalability.
- Implemented a doubly linked list for seamless song navigation (forward and backward).
- Built filtering functionality to browse songs based on movie, artist, and other categories.

Fake Government ID Detection System (Passion Infotech Pvt Ltd):

Python Flask, HTML, CSS, Machine Learning, Deep Learning

- Built a web application to detect fake government IDs through a combination of OCR, validation algorithms, and deep learning.
- Applied OCR to extract data from uploaded ID images and verified Aadhar numbers using the Verhoeff algorithm.
- Integrated external API calls to cross-validate extracted data with official records.
- Trained a CNN model to further authenticate ID images if preliminary checks were successful.

TECHNICAL SKILLS

- Programming Languages** – C, C++, Python
- Web Development** – HTML, CSS, Flask
- Databases** – MySQL
- Core Computer Science Concepts:** Data Structures and Algorithms, Object-Oriented Programming (OOP), Operating Systems (OS), Database Management Systems (DBMS)

ACHIEVEMENTS

- Winner of Codeminds Clash (Vishwakarandak 2024).
- Earned Industry Project completion Certificate.
- Regular Participation in Leetcode's Weekly Contest having contest rating of 1800.
- Solved 650+ questions on Leetcode.
- Leetcode Profile: [\[Link\]](#).

EXTRA-CURRICULAR ACTIVITIES

- Certified in **Digital Graphics and Animation** from Arena Animation, specializing in **Autodesk 3ds Max**.