Yash Diwan

Gurgaon, Haryana, India | +91 8287187789 | diwanyash12@gmail.com
linkedin.com/in/diwanyash | github.com/yashdiwan12

PROFESSIONAL SUMMARY

Computer Science undergraduate with strong technical and analytical skills. Proficient in **Python** and **C++**, with hands-on experience in data analysis, machine learning, and end-to-end application development. Demonstrated ability to **design scalable solutions**, **optimize performance**, and **translate technical concepts into business value**.

TECHNICAL SKILLS

- **Programming Languages:** Python, C++, Java
- **Web Development:** HTML, CSS, JavaScript, Flask
- **Tools & Platforms**: Amazon AWS, Microsoft Office, Git, VS Code
- **Database**: MySQL, MongoDB
- **Soft Skills**: Problem Solving & Critical Thinking, Cross-Functional Team Collaboration

PROJECTS

PIL Generation using Generative AI

- **Situation:** Developed AI-powered legal document generator for PIL creation across Indian legal frameworks.
- **Action:** Trained GPT-2 on 200+ legal articles; optimized temperature to 0.6, reducing hallucination by 40%.
- **Result:** Automated legal document creation with improved factual consistency across 4+ legal frameworks.

Heal-Bridge AI

- **Situation:** Built health prediction web app for real-time disease diagnosis based on symptoms.
- **Action:** Engineered 3-tier Flask app with ML pipeline; achieved 85%+ accuracy across 100+ symptoms.
- **Result:** Reduced symptom input time by 60% through categorized selection interface.

CERTIFICATIONS

- **NPTEL** - Introduction to Machine Learning (Regression, Classification, Model Evaluation)   [links]
- **AWS -** AWS Cloud Practitioner Essentials
- **IBM -** Machine Learning with Python with Honors
- **IBM -** Deep Learning and Artificial Neural Networks Using Keras

EDUCATION

VIT BHOPAL UNIVERSITY   Bhopal, Madhya Pradesh
Bachelor of Technology   2023-Present
Major in Computer Science and Engineering
Cumulative GPA: 8.49/10
Relevant Coursework: Data Structure and Algorithm, Database Management System, Operating System

SHALOM HILLS INTERNATIONAL SCHOOL   Gurgaon, Haryana
Class 12 Percentage: 92.6%   May 2023
Class 10 Percentage: 90.3%   May 2021