Vansh Mittal

Gr. Noida | mittalvansh504@gmail.com | 8077651124 | vansh-mittal | mittalvansh504

Objective

Motivated IT student with hands-on experience in full-stack development and strong problem-solving skills (300+ DSA problems solved on LeetCode & GFG). Seeking an opportunity to contribute to building scalable solutions while enhancing technical expertise.

Education

Noida Institute of Engineering and Technology, Information Technology   Nov 2022 – July 2026
- CGPA: 7.59/10

Saraswati Vidya Mandir Inter College, UP Board
- Percentage: 86.5% (Class 10th)   2019 - 2020
- Percentage: 79.6% (Class 12th)   2021 - 2022

Skills

Programming and Web Technologies: Java, Python, HTML, CSS, REST APIs, Webpages, React.JS
Databases: SQL, MongoDB, Database Management System (DBMS)
Core Concepts: Object-Oriented Programming (OOP), Data Structures and Algorithms, Problem Solving
Tools: Git, VS Code, IntelliJ IDEA, PostMan
Soft Skills: Positive Attitude, Smart Working, Communication, Interpersonal Skills, Problem-Solving

Experience

Python Programming Intern, CodSoft   Aug 2023 – Sep 2023
- Designed and developed a **Python-based GUI application** using Tkinter to manage and visualize datasets, improving data accessibility and usability.
- Gained hands-on experience in **Python libraries** and real-world project development workflows.

Java Programmer Intern, CodeTech IT Solutions   June 2024 – July 2024
- Designed and implemented a **Student Grade Tracker** application in Java to streamline grade management and automate calculations for improved efficiency.
- Utilized **Object-Oriented Programming (OOP)** principles, constructors, and data structures to create scalable and maintainable code.

Projects

Object Detection System
- An AI-based application built using **Python** and **YOLO** capable of detecting humans and various real-world objects in images and video streams.
- Optimized detection accuracy by fine-tuning model parameters.
- **Tools Used:** Python, YOLO, OpenCV, NumPy

Online Job Portal
- A web-based platform for job seekers and employers to register, post jobs, and apply for opportunities with an intuitive user interface.
- Implemented **user authentication** and secure interaction between job seekers and employers.
- **Tools Used:** HTML, CSS, JavaScript, NodeJS, ExpressJS, MongoDB

Certifications

- Object Oriented Programming in java - **Coursera**
- JavaProgramming : Arrays, Lists and Structured Data — **Coursera**