ABHINAV DWIVEDI

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EDUCATION

Pranveer Singh Institute Of Technology, Kanpur   **2021 – 2025**
*B.Tech - Computer Science and Engineering(AIML) - **CGPA** - **7.3***   *Kanpur, Uttar Pradesh*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Object Oriented Programming
- Database Management System
- Operating System

INTERNSHIP

To The New Private Limited ↗   **Jan 2025 – Present**
Software Developer Trainee   *Noida, India*

- Underwent an intensive Bootcamp training program at **To The New Pvt. Ltd.** focused on **core and advanced Java (including all major versions), Spring Boot, and backend API** development best practices.
- Designed and developed a complete backend project as part of the training, implementing key **RESTful APIs such as user registration, login/logout, category management, and product handling.**
- Gained hands-on experience with Spring Boot features including **validation, exception handling, layered architecture (Controller-Service-Repository), and integration with Hibernate/JPA for persistence.**
- Followed standard industry practices for **code quality, modularity, and REST principles** throughout the development lifecycle.

PROJECTS

Social-Distancing-Detection-System ↗ | Python, YOLOv3, OpenCV, COCO, Google Colab   **2023-2024**

- Utilizes advanced AI algorithms and computer vision technologies to accurately detect and measure the distance between individuals, achieving an accuracy rate of **75-80%**.
- Employs the Pre-Trained COCO (Common Objects in Context) dataset, consisting of over **3,30,000** labeled images for enhanced model training.
- Utilizes Python programming language and the OpenCV framework for developing, integrating, and implementing the detection system, achieving an overall accuracy of **75-80%**.

E-Commerce Website ↗ | HTML, CSS, JS, jQuery, PHP, XAMPP, MySQL, Notepad++   **2021-2023**

- Offers robust user management features, including user registration and login, with security measures ensuring up to **90%** protection.
- Implemented an advanced shopping cart system with add/remove features and item management; accelerated checkout process by **50%**, leading to a **20%** increase in completed transactions within three months.
- Hosts on XAMPP for local development, configuring a **70%** secure local environment to manage website traffic effectively.

TECHNICAL SKILLS

Database: MySQL, SQLite
Languages: Python, Java, C, C++, JavaScript, SQL
Technologies/Frameworks: Tkinter, jQuery, HTML CSS JS, Pandas, Git, SpringBoot
Developer Tools: Colab, VS Code, IDLE, Notepad++, XAMPP, MS Excel, MS Word, IntelliJ

CODING PLATFORMS

- I have solved **more than 600** problems on **GeeksForGeeks** ↗.
- Resolved **over 630** problems on **Codechef** with Max Rating **1492** ↗.
- Satisfactorily answered **1000+** problems on **Leetcode** with **27** badges and a Max Streak of **223** days ↗.

CERTIFICATIONS

- Mastering the JavaScript on **Feb 1, 2024** - Infosys Springboard
- Introduction to Artificial Intelligence on **Aug 21, 2023** - Infosys Springboard
- Certification on Database Management System Part 1 on **Feb 2, 2024** - Infosys Springboard