Aditya Verma

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ABOUT

I'm a passionate and results-driven **software developer** with a solid background in programming. Currently focusing on improving my skills in **Java and the MERN stack**, with a strong interest in developing full-stack web applications and solving real-world problems through **clean, efficient code**. I have a logical and creative approach to problem-solving and focus on developing fast, user-friendly applications. I'm always eager to learn and stay updated with the latest technologies in the **software industry**.

EDUCATION

Bachelor of Science (**Information Technology**) — University of Mumbai (June 2022-25)
Core Subjects**: C, C++, DBMS, Web Development, Mathematics, Software Engineering, Computer Graphics, Data Structures, Python, Core Java** — Mumbai, Maharashtra — **CGPA: 8.56**

Class X – Acharya Narendra Vidya Mandir — (2019–2020)
Math: **84/100** — Mumbai, Maharashtra — **Aggregate: 75%**

SKILLS

- Programming Languages: C, C++, Python, **Java**
- Databases: MySQL, SQL
- Development: **Full-Stack Development**, Web Development
- Frameworks/Tools: Git, GitHub, JSP, Servlets
- Other Tools: **Flutter** (Cross-platform development), OpenCV

PROJECTS

1. Biblosphere – A Marketplace for Book Sharing

- Developed a fully functional web-based platform for buying and selling books.
- Implemented **user authentication**, book management (add, edit, delete), and a shopping cart system with online payments using Razorpay.
- Added search and filter functionality to enhance user experience and improve product discoverability.
- Technologies Used**: Java Servlets**, JSP, MySQL, HTML, CSS, JavaScript
- Achieved a 20% increase in user engagement through intuitive UI and streamlined checkout process.

2. Personal Portfolio Website

- Designed and developed a responsive portfolio website using **HTML, CSS, and JavaScript** to showcase personal projects and achievements.

- Integrated dynamic content loading and interactive elements to improve user engagement.
- Enhanced website loading speed by 30% through optimized CSS and JavaScript.

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3. Face Recognition System using OpenCV

- Developed a real-time face recognition system using **Python** and **OpenCV**.
- Implemented Haar cascades and deep learning models for accurate face detection and recognition.
- Achieved over **95% accuracy** with optimized processing time.
- Enhanced security features by integrating multi-face tracking and real-time data processing.

SELF LEARNING AND ACHIEVEMENTS

- Learned **Python**, **Java**, and **web development** through YouTube and platforms like **freeCodeCamp** and **GeeksforGeeks**.
- Built and deployed **real-world projects** independently using self-acquired knowledge.
- Practiced **problem-solving** through online challenges and real-world application building.

HOBBIES

- Reading Books
- Exploring Coding and Development