Aditya Verma

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ABOUT

Passionate and results-driven software developer with a strong foundation in programming. Currently honing expertise in **Python, Java, and C#**, with a keen interest in building scalable web applications and innovative software solutions.

Demonstrated ability to solve complex problems through logical thinking and creativity, with a focus on delivering high-performance and user-friendly applications.

Committed to continuous learning and staying updated with emerging technologies in the software industry.

EDUCATION

Bachelor of Science (Information Technology) –   St. Rocks College (June 2023)
Core Subjects: **C, C++, DBMS, Web Development, Mathematics,**   Mumbai, Maharashtra
  Software Engineering, Computer Graphics, Data   **Overall GPA: 9.2**
  Structures, Python, Core Java

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

SKILLS

- **Programming Languages:** C, C++, Python, Java
- **Databases:** MongoDB, SQL, Firebase, MySQL
- **Frameworks and Tools:** ReactJS, NodeJS, Git/Github
- **Development Skills:** Full-Stack Development, RESTful APIs, MVC Architecture
- **Other:** Unity (Interested in game development)

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

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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.

3. Face Recognition System using OpenCV
- Developed a real-time face recognition system using **Python** and **OpenCV**.
- Achieved over **95% accuracy** with optimized processing time.
- Enhanced security features by integrating multi-face tracking and real-time data processing.

EXTRA-CURRICULAR ACTIVITIES
- Solving real-world problems with innovative web and Python-based solutions.
- Attended technical workshops and webinars to sharpen skills in web development, Python, and emerging technologies.

HOBBIES
- Playing Cricket
- Exploring Coding and Game Development

ACHIEVEMENTS
Successfully deployed Biblosphere, generating positive user feedback and improving user retention.