

AJAY VISHWAKARMA

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Linkedin

Github

Portfolio

Education

Vellore Institute of Technology, Bhopal, Madhya Pradesh

June 2021 – Present

Integrated M.Tech in Computer Science (Cyber Security)

CGPA: 8.77/10

Govt Boys H S School, Susner, Agar Malwa, Madhya Pradesh

May 2021

MPBSE 12th Standard

Percentage: 95.6%

Govt Boys H S School, Susner, Agar Malwa, Madhya Pradesh

May 2019

MPBSE 10th Standard

Percentage: 95.2%

Projects

Face-Guard | Python, Machine Learning, OpenCV, Flask, Numpy, Pandas.

February 2024 – May 2024

- Developed a secure web application for face-based user authentication using OpenCV for real-time face detection and recognition.
- Built RESTful APIs with Flask and integrated SQLite for efficient user data storage and management.
- Enhanced application security by implementing robust user session handling and error management. [Github](#)

Find-My-Roomie | MERN Stack (MongoDB, Express.js, React, Node.js)

August 2024 – November 2024

- Created an intelligent roommate-matching platform with JWT authentication, profile management, and an interest-based search algorithm.
- Built a RESTful API with Express.js and MongoDB, ensuring secure authentication and smooth data handling.
- Enhanced system performance by optimizing database queries and API responses, reducing latency by 30%. [Github](#)

Apni Malwi Sanskriti | React, MongoDB, Express.js, Node.js., JavaScript

February 2024 - April 2024

- Engineered a full-stack website to showcase culture, upcoming events, and community engagement. Empowered users to contribute community blogs, fostering a dynamic exchange of experiences and insights.
- Implemented a blogging feature, enabling users to share experiences, insights, and community stories.
- Designed an intuitive UI/UX for seamless navigation, event updates, and interactive community engagement. [Github](#)

Technical Skills

- Programming Language:** Python, Java, SQL(Oracle), C, C++.
- Front-End :** HTML5, CSS3, JavaScript (ES6+), React.js, Redux, Tailwind CSS.
- Back-End :** Node.js, Express.js, Flask RESTful API design.
- Databases:** MongoDB, MySQL.
- DevOps & Deployment:** Git, GitHub, Vercel, Render.
- Tools :** Visual Studio Code, Postman.
- Cyber-Security:** Kali Linux, Ubuntu, Nmap, Wireshark, Burp Suite, SQLmap, Malware Scanning and Penetration Testing

Certificates

- Fundamentals of machine learning and artificial intelligence**, May 2025
- High Performance Coding in DSA using Java** , Iam neo, April 2025
- Frontend Development with React**, Coursera, February 2025.
- The Bits and Bytes of Computer Networking**, Coursera, January 2023.
- Introduction to Cyber-Security** – CISCO, June 2023

Extra-Curricular Activities & Achievements

- Awarded with **100%** Scholarship to pursue Integrated M. Tech under ”**STARS SCHEME**” in VIT - Bhopal.
- Winner** of AdVITya: Kabaddi Game, April 2023.
- Solved **560+** problems on LeetCode, achieving a global rank of **117k**.
- Tackled **480+** problems on GeeksforGeeks, securing university rank within the top **75**.

Additional Information

- Hobbies:** Cooking, Playing Cricket and Kabaddi.
- Languages:** English (Professional), Hindi (Native), Malwee(Native).