VM

VANSH VIVEK MATHUR

vanshvmathur@gmail.com   —   +91 8779678011   —   Mumbai, India 401107

Profile

Highly skilled and result-oriented Data Science undergraduate with practical experience in full-stack web development and a growing passion for cybersecurity. Well-versed in HTML, CSS, JavaScript, React, and Python, with hands-on experience in Node.js and Git. Currently expanding expertise in ethical hacking, network architecture, and cyber defense strategies. Eager to contribute to impactful digital solutions and committed to continuous development in both data science and cybersecurity domains.

Skills

- **Programming Languages:** Proficient in Python, HTML, CSS, and JavaScript with experience in building interactive and responsive web applications.

- **Frameworks and Libraries:** Hands-on experience with React for front-end development and basic knowledge of Node.js for server-side scripting.

- **Version Control:** Proficient in using Git and GitHub for collaborative development and code management.

- **Web Development:** Skilled in designing mobile-friendly websites, implementing responsive layouts, and optimizing performance.

- **Cybersecurity:** Foundational understanding of cybersecurity concepts including ethical hacking, network security, and threat mitigation techniques.

- **Tools and Platforms:** Comfortable using VS Code, Git Bash, and online deployment tools like GitHub Pages.

- **Problem Solving:** Strong analytical skills with a approachable solutions and logic-building.

- **Collaboration and Communication:** Effective team collaborator with experience in project coordination.

- **Photoshop:** Proficient in using photoshop for photo editing.

Certifications

- Machine Learning with Python – FreeCodeCamp

- Responsive Web Design – FreeCodeCamp

- Scientific Computing with Python – FreeCodeCamp

- Cyber Bullying – MeitY

- Line Following Robot – NextTrack

Education

Manipal University Jaipur – Jaipur
B.Tech in Computer Science Engineering (Data Science)
Graduating: May 2027

Shree L.R. Tiwari College of Engineering – Mira Road (East)
12$^{\text{th}}$ Standard – *February 2023*

N.L. Dalmia High School – Mira Road (East)
10th Standard – *February 2021*

Work Experience

EUMIND (Europe Meets India)
N.L. Dalmia High School

- Actively interacted with international students.

- Participated in healthy discussions on topics like politics, culture, and more.

Volunteer – YES+ Student Chapter
Manipal University Jaipur

- Helped organize campus workshops on wellness and leadership.

- Supported team coordination for student development events.

Cricket Team
N.L.Dalmia High School

- Been a part of School cricket team and School's District Team.

Projects – (Self-initiative to enhance coding skills)

- **Hand Tracking using Python** – Built using OpenCV and MediaPipe for real-time hand detection.

- **Space Game using Python** – Developed a 2D shooting game with basic game mechanics in Pygame.

- **Alexa Clone** – Created a voice assistant capable of basic tasks using speech recognition.

- **J.A.R.V.I.S Clone** – Personal assistant capable of basic system tasks and web queries.

- **Responsive Websites** - Designed few mobile-friendly websites using HTML, CSS, and JavaScript.

- **Physics Law Calculator** - A Python based application that solves physics problems using Laws.

Hobbies

- **Sports – Cricket, Table Tennis, Badminton, Cycling:** Passionate about playing cricket, enjoying both casual matches with friends and professional leagues and tournaments. Been a part of the School Team and District Team as well. Also actively engage in table tennis, badminton, and cycling for fitness and mental agility.

- **Playing Online Games:** Enjoy playing competitive and cooperative online games that improve reflexes, concentration, and strategic thinking. These games teach teamwork and provide a fun way to stay mentally sharp and aware.

- **Guitar:** Learning and practicing guitar to improve skills, hand-eye coordination, and exploring different music genres.

- **Listening to Music:** Enjoy listening to various types of music including classical, rock, and contemporary, which helps in relaxation and stimulates creativity.

- **Arts and Crafts:** Enjoy creating projects such as sketching, origami, and DIY crafts using "best out of waste" techniques. These activities teach resourcefulness and creative problem-solving.

- **Travelling:** Enjoy exploring new places, cultures, and cuisines. Have traveled to various locations across India and internationally to Thailand and Dubai.

Web Profiles & Portfolio

- **LinkedIn:** https://in.linkedin.com/in/vansh-mathur-ab183121b

- **Portfolio Website:** https://vanshmt.github.io/Intro/