

Satvik Sharma

Punjab, India | satviksharma511@gmail.com | +91 7340936506
Linked In: [Satvik Sharma](#) | [Portfolio](#) | Github: [Satvik-Sharma511](#)

Education

VIT Bhopal University, B.Tech Computer Science Engineering (AIML)
Saint Peter Senior Secondary School, Chandigarh (10+2)
Saint Soldier's Divine Public School, Panchkula, Haryana (10th)

September 2023 – May 2027
Completed: 2023
Completed: 2021

Skills

Programming Languages: C++, Python, JavaScript

Web Development: HTML, CSS, JavaScript, React.js, Node.js, RESTful APIs

Database Technologies: SQL, MongoDB

Platforms and tools: AWS, Git, GitHub, Microsoft Office, PowerPoint, Excel

AI/ML & Data Science: Machine Learning, Scikit-learn, TensorFlow, Tableau

Design & Prototyping: UI/UX Design, Figma

Soft Skills: Team Leadership, Problem Solving, Project Management, Strong Communication, Public Speaking

Projects

MoodMate – Mental Wellness Companion Website (Deployed link: [MoodMate](#))

- Designed and developed a complete mental wellness platform offering motivational quotes, articles, mini-games, breathing exercises, and more, all in one place.
- Built the frontend using HTML, CSS, and JavaScript, focusing on a soothing, accessible UI for emotional support.
- Created a custom Streamlit-based machine learning model to assess users' mental health status based on their responses. Integrated the deployed ML backend with the Vercel-hosted frontend for seamless communication and user interaction.

VitalHub App (APK File)

- Designed the complete UI/UX in Figma, focused on accessibility and smooth user navigation for a health-focused app. Developed the frontend using HTML, CSS, and JavaScript, optimized for Android mobile experience.
- Implemented key features including:
 - Disease information and treatments
 - A BMI calculator
 - Chatbot
 - A personalized nutritional chart generator
- Insights on cosmetology effects and health tips
- Packaged and exported the app as an APK file using Kotlin in Android Studio.

ReactJS Weather App

- Built a simple weather dashboard using ReactJS, focused on clean UI and real-time temperature display.
 - Integrated the openWeatherMap API to fetch and display temperature based on user input.
 - Added dynamic visual changes: background or image updates based on whether the weather is hot or cold
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Experience

Open Source Contributor | GirlScript Summer of Code (GSSoC'24) | [View Certificate](#)

- Contributed to open-source projects by fixing bugs and adding features.
 - Collaborated with developers on GitHub, enhancing teamwork and code quality.
 - Improved documentation and gained experience with agile workflows. just edit the wordings of the 3 bullet points given
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Certificates

[Figma UI/UX Design](#) – Udemy (2024)

Mastered end-to-end UI/UX design principles, wireframing, and prototyping using Figma to create intuitive and accessible user interfaces.

[Fundamentals of AI/ML](#) – VIT Bhopal (2024)

Gained foundational knowledge in machine learning algorithms, model training, and data preprocessing techniques.

[Postman API](#) – Postman (2024)

Gained hands-on experience in API development and testing using Postman.

Learned to make GET, POST, PATCH, and DELETE requests and handle query parameters, headers, and response codes.

[Data Analytics Job Simulation Deloitte](#) - Forage(2025)

Completed hands-on simulation analyzing real-world datasets to derive actionable business insights and deliver data-driven recommendations using Tableau.

[ML for multimedia forensics](#) – ICTAcademy NIT Patna and Jamshedpur(2025)

Explored advanced machine learning applications in digital media authentication, manipulation detection, and forensic analysis.

[NPTEL Cloud Computing](#) – IIT Kharagpur(2025)