

# PRIYANSHU SINGH

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## EDUCATION

<b>VELLORE INSTITUTE OF TECHNOLOGY, BHOPAL</b> Bachelor of Engineering, Major in Computer Science	Bhopal, Madhya Pradesh 9.01   2026
<b>KENDRIYA VIDYALAYA RDSO (CLASS XII BOARD)</b>	Lucknow, Uttar Pradesh 94%   April 2021
<b>KENDRIYA VIDYALAYA RDSO (CLASS X BOARD)</b>	Lucknow, Uttar Pradesh 94%   April 2019

## PROJECTS

<b>MediSinCare Platform   VIT Bhopal</b> • Developed a secure web application using Python (backend) and HTML, CSS, JavaScript (frontend) to manage sensitive medical data, ensuring 80% uptime and scalability for healthcare users. • Integrated a Logistic Regression machine learning model to provide personalized treatment recommendations, resulting in a 40% increase in user engagement. • Designed analytics dashboards that provided actionable insights, improving decision-making for over 1,000 users and healthcare providers.	<b>Present</b>
<b>Heart Failure Prediction   VIT Bhopal</b> • Led a team of 5 members to develop machine learning models (Random Forest, Logistic Regression, SVM) using Python and Scikit-learn to predict cardiovascular risk, achieving 89.75% accuracy. • Processed and analyzed 1,000+ patient records, performing data preprocessing and cleaning to enhance model reliability by 30%. • Utilized feature selection techniques and cross-validation to optimize model performance, with Random Forest delivering the highest accuracy.	<b>April 2024 – May 2024</b>
<b>Complain Desk   VIT Bhopal</b> • Designed and developed a web-based platform using HTML, CSS, and JavaScript to streamline complaint filing and support requests for 50+ users. • Enhanced user communication and support by implementing an intuitive interface and efficient workflows. • Reduced response times by 20% by optimizing the complaint resolution process and improving backend functionality.	<b>Oct 2023 – Nov 2023</b>

## SKILLS

**Languages:** C++  
**Web Development:** HTML, CSS, JavaScript  
**Tools:** Git, GitHub, Excel  
**Platforms:** Visual Studio Code, IntelliJ IDEA

## CERTIFICATIONS

Cloud Computing - IIT Kharagpur	Python (Basic) - Hacker Rank
Industrial IoT Markets and Security - Coursera	Technocruise - IIT Kanpur

## POSITIONS OF RESPONSIBILITY

<b>Executive Secretary   The Fine Arts Club, VIT Bhopal   Apr 2023 – Present</b> • Planned and implemented the execution of four high-impact events, resulting in a 25% increase in participation driven by effective use of social media platforms coupled with strategic multimedia content creation.
<b>Core Member   iOS Club, VIT Bhopal   Jul 2024 – Present</b> • Produced and edited a series of YouTube videos focused on iOS concepts, leading to a 40% increase in viewer engagement metrics through strategic content delivery and targeted audience interaction.
<b>Team Leader   National Science Congress, IIT Kanpur   Nov 2017</b> • Led a team of 5 to achieve Runner-up at the regional level through strategic planning and execution.