

PRIYANSHU SINGH

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EDUCATION

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

PROJECTS

MediSinCare Platform VIT Bhopal • 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.	Present
Heart Failure Prediction VIT Bhopal • 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.	April 2024 – May 2024
Complain Desk VIT Bhopal • 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.	Oct 2023 – Nov 2023

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

Executive Secretary The Fine Arts Club, VIT Bhopal Apr 2023 – Present • 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.
Core Member iOS Club, VIT Bhopal Jul 2024 – Present • 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.
Team Leader National Science Congress, IIT Kanpur Nov 2017 • Led a team of 5 to achieve Runner-up at the regional level through strategic planning and execution.