

Priyanshu Singh

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EDUCATION

Vellore Institute of Technology, Bhopal

Bachelor of Technology in Computer Science and Engineering, CGPA: 8.93/10

Bhopal, Madhya Pradesh

Oct 2022 – Present

Kendriya Vidyalaya, RDSO

Class XII (CBSE) , Percentage: 93.2%

Lucknow, Uttar Pradesh

Apr 2020 – May 2021

Kendriya Vidyalaya, RDSO

Class X (CBSE) , Percentage: 94%

Lucknow, Uttar Pradesh

Apr 2018 – May 2019

TECHNICAL SKILLS

Languages: C++

Web Development: HTML, CSS, JavaScript, React

Database: MySQL , Firebase Firestore

Tools & Platforms: Git, GitHub, Excel, VS Code, IntelliJ IDEA

Professional Skills: Planning, Formal Communication, Team Collaboration

TECHNICAL PROJECTS

MediSinCare Platform | *Python, Firebase, Logistic Regression, HTML, CSS, JavaScript*

Aug 2024 – Apr 2025

- Collaborated in a team project to build a healthcare web app predicting diseases from symptoms using a Logistic Regression model trained on 2,000+ patient records.
- Integrated Firebase Authentication and Firestore for secure login, user management, and feedback collection.
- Implemented multi-page navigation (About Us, Diet, Main) and personalized prevention recommendations, increasing engagement by 35%.
- Contributed to data preprocessing and testing workflows, improving prediction reliability by 20%.

Heart Failure Prediction | *Python, Scikit-learn*

Apr 2024 – Jun 2024

- Led a 5-member team to develop ML models (Random Forest, SVM, Logistic Regression) achieving 89.75% accuracy.
- Preprocessed and analyzed 1,000+ patient records, enhancing model reliability by 30%.
- Optimized performance through feature selection and cross-validation, reducing variance by 15%.

Complain Desk | *HTML, CSS, JavaScript*

Oct 2023 – Nov 2023

- Developed a complaint-handling platform for 50+ users, reducing ticket resolution time by 30%.
- Optimized backend workflows, cutting response latency by 20%.

CERTIFICATIONS

Cloud Computing - *IIT Kharagpur*

Industrial IoT Markets and Security - *Coursera*

Python (Basic) - *HackerRank*

EXTRACURRICULAR ACTIVITIES

Deloitte Australia Technology Job Simulation — *Forage*

Aug 2025

- Completed a job simulation involving development and coding tasks aligned with Deloitte's technology consulting practice.
- Wrote a proposal for creating a dashboard.

Executive Secretary — *Fine Arts Club, VIT Bhopal*

Jul 2024 – May 2025

- Organized 4+ cultural events with 500+ attendees each, boosting participation by 25% through targeted digital campaigns.
- Created 10+ posters and edited 5+ recap videos, driving 40% growth in social media engagement.

Core Member — *iOS Club, VIT Bhopal*

Jul 2024 – Apr 2025

- Produced and edited 10+ Swift tutorial videos, improving quality and achieving 25% higher viewer retention.
- Raised production standards, resulting in 40% cumulative view growth.

Team Leader — *National Science Congress, IIT Kanpur*

Nov 2017

- Led 5-member team to secure runner-up among 20+ schools with "Junk Food Epidemic" project, proving 68% diet-health correlation.