

Harshit Singh Negi

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Summary

Final-year Bachelor of Technology (B.Tech) student in Computer Science and Engineering with strong foundations in C++, Python, full-stack web development, and machine learning. Proven experience through internships and end-to-end projects using MERN stack, data analytics, and AI-driven systems. Demonstrated leadership, analytical thinking, and effective time management through academic excellence and extracurricular roles.

Education

VIT Bhopal University | Madhya Pradesh , Sehore

Bachelor of Technology in Computer Science and Engineering | 05/2027

- CGPA: 8.9 / 10, consistently ranking among top performers with strong academic performance across core subjects including Data Structures, Algorithms, Machine Learning, Operating Systems, and Computer Networks

TIMES WORLD SCHOOL | Dehradun

School | 02/2023

- Served as Vice Head Boy, demonstrating leadership and accountability by managing student councils and mentoring students; planned and coordinated 50+ academic and cultural events

WORK EXPERIENCE

1M1B (1 Million for 1 Billion) Internship | Bhopal

Internship Trainee | 08/2025 - 11/2025

- Collaborated with cross-functional teams to design technology-driven solutions addressing real-world and climate-focused challenges
- Applied data analytics techniques to evaluate datasets and generate insights, improving decision accuracy by 85%
- Delivered 5 structured presentations to stakeholders summarizing project progress, insights, and outcomes
- Maintained a 100% on-time submission rate for instructor-led assignments and deliverables

Project

MediDiagnose – AI Healthcare Diagnostic Platform

Tech: Python | Machine Learning | React.js | Tailwind | Context API

- Developed AI-powered platform with **4 diagnostic modules** (symptom analysis, imaging, heart health, cancer screening) delivering confidence-based predictions.
- Built secure authentication system and analytics dashboard with diagnosis history tracking.
- Implemented offline-first state management using Context API and Local Storage.

GreenRoute – EcoFriendly Route Optimization App

Tech: MERN Stack | Mapbox API | OpenWeatherMap API

- Engineered full-stack application recommending optimized eco-friendly routes with **carbon-emission savings insights**.
- Integrated real-time maps and weather APIs to improve routing accuracy.
- Designed secure user authentication and persistent data storage using MongoDB.

DsaVisualization – Data Structure Visualizer

Tech: React.js | Tailwind CSS | JavaScript (ES6+) | State Management | Responsive UI Design

- Built real-time visualizations for **BST, Linked Lists, Graphs, and Trees** with step-by-step animations.

- Improved algorithm understanding by ~80% (peer usability feedback) through intuitive UI/UX design.

PosterVerse – Social Platform for Artists

Tech: React.js | Node.js | Express.js | MongoDB | REST APIs | Authentication

- Developed production-ready social web app enabling users to publish, follow creators, remix designs, and track engagement analytics.
- Implemented dynamic content feeds, creator follow system, and scalable REST APIs.
- Focused on performance optimization and modern, immersive UI design.

Skills

- Languages: Python, C++, JavaScript
- Frameworks & Tools: React.js, MERN Stack, Flask, REST APIs, Git, GitHub
- Machine Learning: Supervised & Unsupervised Learning, Random Forest, Feature Engineering,
- Model Evaluation
- Libraries: NumPy, Pandas, Scikit-learn, Joblib
- Cloud & Dev: AWS Fundamentals, n8n
- CS Fundamentals: Data Structures & Algorithms, Operating Systems, Computer Networks

Certificates

- Google IT Support Professional Certificate - (2026)
- Artificial Intelligence – SmartBridge in collaboration with Google for Developers (2025)
- Prompt Design in Vertex AI – Google (2025)
- The Bits and Bytes of Computer Networking – Google (2025)
- IBM Cloud Fundamentals – IBM (2025)
- Microsoft Certified Systems Administrator: Machine Learning – Microsoft (2024)

Languages

English, Hindi, Japanese