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 – AI-Powered Healthcare Diagnostic Platform ‖ Machine Learning | Python | UIUX | React.js |Tailwind CSS | Context API | Local Storage

- Developed AI-powered healthcare diagnostic application with **4 diagnostic tools, serving symptom analysis, medical imaging, heart health, and cancer screening** with confidence-based predictions
- Implemented secure authentication system with email validation, password strength requirements, session management, and password recovery functionality
- Built user dashboard with health analytics, diagnosis history tracking, and data visualization, managing state with **Context API and local Storage** for **offline-first functionality**

GreenRoute ‖ React | React Router | Node.js | MongoDB | Mapbox | OpenWeatherMap

- Built a full-stack **MERN application** recommending eco-friendly routes with carbon-emission savings insights.
- Integrated **Mapbox and OpenWeatherMap APIs** to enhance routing accuracy and environmental analysis.
- Implemented secure authentication and user data storage

DsaVisualization ‖ React.js | Tailwind CSS | UX design

- Developed an interactive visualization platform for data structures **(BST, linked lists, graphs,tree)** with real-time animations.
- Improved algorithm comprehension for users by **80%**, measured through peer feedback and usability testing.

AiCodeGEN || Flask | REST API | React.js | Google Gemini API
- Designed an AI-powered platform enabling **natural-language and voice-based Python code generation**
- Implemented runtime code execution and chat-based coding assistance
- Reduced manual coding effort by **60%** through automation and AI-driven workflows

Skills

- **Programming & Development:** Python, C++, JavaScript, React.js, MERN Stack, REST APIs

- **Machine Learning & AI:** Supervised & Unsupervised Learning, Random Forest, Model Evaluation, Feature Engineering, Data Preprocessing, Scikit-learn, NumPy, Pandas, Joblib, Prompt Engineering

- **Tools & Platforms:** Flask, n8n, Git/GitHub, Cloud Fundamentals (AWS)

- **Computer Science Fundamentals:** Data Structures & Algorithms, Operating Systems, Computer Networks

- **Design & Productivity:** UI/UX Design, Figma, Canva, Blender (Basic 3D), Microsoft Excel (Data Analysis, Pivot Tables), PowerPoin

Certificates

• **Develop GenAI Apps with Gemini and Streamlit** – Google (2025)
• **Build Real-World AI Applications with Gemini & Imagen** – Google (2025)
• **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)
• **Introduction to Cloud** – IBM (2025)
• **Microsoft Certified Systems Administrator: Machine Learning** – Microsoft (2024)

Languages

English, Hindi, Japanese