

Vinay Singh Tomar

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SUMMARY

First-year B.Tech Computer Science student with strong foundations in frontend development and Python programming. Experienced in building responsive web applications and AI-powered solutions. Proven ability to learn quickly, write clean code, and deliver practical solutions through hands-on projects.

TECHNICAL SKILLS

Programming: Python, JavaScript, C

Frontend Development: HTML5, CSS3, JavaScript, Responsive Design, Bootstrap, Tailwind CSS

Tools & Libraries: Git, GitHub, VS Code, Vercel, NumPy, Pandas, Streamlit

PROJECTS

FuteeAi Chatbot – AI-Powered Conversational Assistant

[Live](#)

2025

AI Application

Python, Streamlit, Groq

API

- Built AI chatbot using Python and Streamlit with Groq's LLM API for seamless conversations and instant responses.
- Deployed as free-to-use web application with intuitive UI and state-of-the-art language model integration.

Personal Portfolio Website

[Live](#)

2025

Frontend Web Application

HTML5, CSS3,

JavaScript

- Designed and deployed fully responsive portfolio with dark/light theme toggle and smooth animations.
- Implemented mobile-first approach with clean code architecture and performance optimization.

Python Utility Applications (OTP Generator & QR Code Generator)

2025

Python Applications

Python, qrcode, PIL,

Security

- Developed secure OTP generator with cryptographic algorithms for authentication and QR code generator for data encoding.
- Created command-line interfaces with customization options for various use cases.

EDUCATION

Bachelor of Technology in Computer Science and Engineering

Aug 2025 – May

2029

Medi-Caps University

Senior Secondary (Science) – Govt. Excellence H.S. School

2025, 84.20%

Secondary (Class X) – C M Rise Govt. Secondary School

2023, 92%

EXPERIENCE

Technology Job Simulation – Deloitte (via Forage)

December

2025

- Completed virtual internship tasks simulating real-world software development workflows and professional practices.

CERTIFICATIONS

Technology Job Simulation – Deloitte (Forage) | To-Do App with Local Storage – SkillEcted | Programming Course – MindLuster