

PRATEEK SINGH

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EDUCATION

Madhav Institute of Technology & Science (MITS) <i>B.Tech in Artificial Intelligence</i>	Gwalior, India 2025 – Present
Vidyavati Public Central School <i>Higher Secondary (Class XII) - CBSE [77.4%]</i>	Bhind, India 2023 – 2024

TECHNICAL SKILLS

Languages: Python, Java, C, C++, HTML, CSS, SQL
Core Concepts: Data Structures & Algorithms, Object Oriented Programming
Technologies / Framework: Git, Tkinter
Tools: VS Code, IntelliJ Idea, MySQL Workbench, Jupyter Notebook, GitHub
Libraries: Numpy, Matplotlib

COURSEWORK

Data Structures & Algorithms, OOPS Concepts, DBMS, Web Development

PROJECTS

Portfolio Website <i>HTML5, CSS3, Git</i> [Live Demo]	Nov 2025 – Dec 2025
<ul style="list-style-type: none">Developed a static personal portfolio website to showcase technical skills and academic projects.Implemented CSS3 animations and optimized the layout for cross-device mobile compatibility.Hosted and maintained the site using GitHub Pages with automated deployment.	
Virtual Voter Card Making System <i>Python, MySQL</i> [GitHub]	Aug 2023 – Dec 2023
<ul style="list-style-type: none">Designed a Python Tkinter-based GUI allowing users to register, login, and submit details with photo uploads.Implemented a MySQL database for secure storage and validation of user credentials.Automated the generation of digital voter cards to improve processing efficiency.	

ACHIEVEMENTS & RESEARCH

Research in Encryption Technology <i>Mentor: Dr. Satyam Omar</i>	Sep 2025 – Present
<ul style="list-style-type: none">Collaborating on academic research focusing on encryption methodologies and security protocols.	
CodeChef Competitive Programming <i>Rating: 1090</i>	Oct 2025 – Present
<ul style="list-style-type: none">Active participant in CodeChef Starters contests; solved algorithmic problems primarily using Java.	

CERTIFICATIONS

JAVA Basics - [HackerRank](#)
Introduction to Machine Learning - [Microsoft Learn](#)
Machine Learning Operations (MLOps) with Vertex AI - [Google Arcade](#)
Python Essentials for Engineering Applications - [MITS](#)