

MAYANK SINGH NEGI

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EDUCATION

• Manav Rachna University

Bachelor of Technology in Computer Science and Engineering, CGPA: 8.88

Faridabad, Haryana, India

August 2023 - Present

• Vidya Mandir Public School

Senior Secondary (Class 12), CBSE, Percentage: 83.6%

Faridabad, Haryana, India

2022 - 2023

• Vidya Mandir Public School

Secondary(Class 10), CBSE, Percentage: 91.4%

Faridabad, Haryana, India

2020 - 2021

EXPERIENCE

Python Development Intern, TechnoHacks Solutions Private Limited

Remote

July 2025 - August 2025

[Certificate ↗]

- Developed a Python web scraper using BeautifulSoup and Requests, automating data extraction by 95% and improving accuracy and speed.
- Built a Flask-based Weather App integrating OpenWeatherMap API to deliver real-time weather insights.
- Optimized backend with secure API handling and Git version control, enhancing reliability and scalability.

PROJECTS

MentalGlow-AI: AI-Powered Mental Wellness Platform | HTML, JavaScript, Python, FastAPI, Scikit-learn

[Github ↗]

- Developed an AI-driven platform for mental health prediction using ML classification models; achieved 92% model accuracy across multi-class emotion datasets.
- Integrated interactive frontend with FastAPI backend, enabling real-time mental wellness assessments and user-personalized feedback.

WebScraperApp | Python, BeautifulSoup, Requests, Pandas

[Github ↗]

- Engineered a dynamic web scraper to extract product details from e-commerce sites; automated data collection by 95%, reducing manual effort.
- Implemented data cleaning, CSV export, and multi-currency price formatting, improving data usability for analytics pipelines.

Weather-Forecast-Application | Python, Flask, OpenWeatherMap API, HTML/CSS/JS

[Github ↗]

- Built an interactive weather app providing real-time and 7-day forecasts via API integration.
- Optimized backend requests and UI rendering, enhancing response speed by 40% and user satisfaction.

TECHNICAL SKILLS

- Languages: Python, C++, SQL, HTML5, CSS3, JavaScript
- Frameworks & Libraries: Flask, FastAPI, Scikit-learn, Pandas, NumPy, BeautifulSoup, Requests
- AI/ML Capabilities: Data Preprocessing, Model Training & Evaluation, Predictive Modeling, Automation
- Databases: MySQL
- Tools: VS Code, Git, GitHub, WordPress, Canva, MS Office
- Core Skills: OOP, DSA, Problem Solving, DBMS, Software Engineering, Project Management, Design Thinking

ACHIEVEMENTS

- 2 star Coder on CodeChef [Profile Link ↗]
- Winner, Spark3 Hackathon 2024 by HackIndia (among 200+ teams) [Link ↗]
- Winner, YUDH 1.3 (August 2024) by Coding Club, MRU [Link ↗]
- Published Research Paper: The Future of Generative AI: Unlocking Potential, Solving Problems , published in International Conference on Innovative Research and Development (ICIRD-2025) [Link ↗]

EXTRACURRICULARS

- Volunteer, Blood Donation Camp (MRU, 2025) [Link ↗]
- Hobby: Playing Cricket [Profile Link ↗]