

# MAYANK SINGH NEGI

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mayanksinghnegi

Portfolio

## EDUCATION

- Manav Rachna University** Faridabad, Haryana, India  
Bachelor of Technology in Computer Science and Engineering, CGPA: 8.88  
August 2023 - Present
- Vidya Mandir Public School** Faridabad, Haryana, India  
Intermediate (Class 12), CBSE, Percentage: 83.6%  
2022 - 2023
- Vidya Mandir Public School** Faridabad, Haryana, India  
Matriculation (Class 10), CBSE, Percentage: 91.4%  
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 ↗]