






PRATEEK SINGH

About Me

I am a third-year Computer Science undergraduate at IIIT Nagpur, specializing in Artificial Intelligence and Machine Learning. My interests lie in backend development using Django and applying ML models to solve real-world problems. I am currently expanding my skillset by exploring cybersecurity and related technologies. Always open to solve new problems and challenges to broaden my understanding.

Contact

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-  Github
<https://github.com/newblitz>
-  50-New Suresh Nagar, Thatipur, Gwalior

Experience & Activities

- **Member - Orator Club, IIIT Nagpur**
Enhanced communication and public speaking skills through regular events and workshops.
- **Hospitality Team Member - Tantrafiesta (tech fest at IIIT Nagpur)**
Worked in a dynamic team handling participant coordination, event support, and hospitality logistics.
- **Campus Finalist- Hackwise Hackathon, IIM Indore**
Qualified for the DSA round hosted at IIM Indore. Contributed to brainstorming, rapid prototyping, and presentation of solution.

Interests

- Reading Books
- Cricket
- Health & fitness

Education

- **Bachelor of Technology in CSE (AI&ML)**
Indian Institute of Information Technology Nagpur 2023- 2027
- **Higher Secondary School**
Kiddy's Corner School, Gwalior 2020 - 2022

Skills

- **Machine Learning:** Scikit-learn, Pandas, NumPy
- **Deep Learning:** TensorFlow, Keras, CNNs
- **Web Development:** Django, Django REST Framework, HTML, CSS
- **Backend & APIs:** REST API development, database integration
- **Cybersecurity:** Basics of network security, ethical hacking (learning stage)

Projects

- **FarmAssist - Agriculture Support Web App**
Designed a farmer-focused platform integrating a CNN model to detect plant diseases via image uploads. Added sections for real-time weather and government subsidy updates related to agriculture.
- **Visitor Management System (Backend)**
Developed backend services in Django to track visitor entries/exits with secure authentication and admin dashboard.
- **Medicine Recommendation System**
Built a machine learning model to suggest medicines based on symptoms using classification techniques and user-friendly input forms.