

# 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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<https://www.linkedin.com/in/prateek-singh-316a85286/>

 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 - Tantraiesta (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 final 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.