

Prateek Singh

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Websites, Portfolios, Profiles

- [linkedin.com/in/prateek-singh](https://www.linkedin.com/in/prateek-singh)
- github.com/newblitz

Education

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|---|-------------|
| • Indian Institute of Information Technology - Nagpur, Maharashtra | 2023 – 2027 |
| B.Tech., Computer Science & Engineering (AI & ML) | |
| • Kiddy's Corner Higher Secondary School - Gwalior | 2020 – 2022 |
| High School Diploma | |
| • ST. Paul's School - Gwalior | 2010 – 2020 |
| Secondary Education | |
| <i>Grade 1 – 10</i> | |

About Me

I am currently a Pre-Final year Computer Science undergraduate at IIIT Nagpur, specializing in Artificial Intelligence and Machine Learning. Interested in backend development with Django and applying ML models to solve real-world problems. Currently exploring cybersecurity. Always open to new challenges that broaden understanding.

Skills

- Machine Learning: Scikit-learn, Pandas, NumPy
- Deep Learning: TensorFlow, Keras, PyTorch
- Web Development: Django, Django REST Framework, HTML, CSS, SQL
- Frameworks: n8n, Langchain, Langflow
- Backend & APIs: REST APIs, FastAPI, database integration
- Cybersecurity: Basics of network security, ethical hacking (learning stage)
- Programming Languages: Python, C, C++

Experience

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| • Core Team Member | 07/2023 – 07/2025 |
| Orator Club, IIIT Nagpur - Nagpur | |
| – Structured and drafted event scripts & summaries, ensuring professional flow and clarity during club events. | |
| – Anchored and moderated events, ensuring engaging interaction with participants and audience. | |
| – Contributed to event planning by drafting rules, setting guidelines, and assisting in overall organization. | |
| – Coordinated with participants from other colleges, handling queries and ensuring smooth participation. | |
| • Hospitality Team Member | 10/2024 – 10/2024 |
| Tantrafiesta Tech Fest at IIIT Nagpur - Nagpur | |

- Managed participants from other states and universities and ensured proper living arrangements.
- Worked closely with the kitchen team to ensure prompt delivery of food orders during busy periods.
- Enhanced customer satisfaction by providing exceptional service and addressing guest concerns promptly.
- Assisted guests with check-in and checkout processes, ensuring a smooth and hassle-free experience.

Achievements

- Finalist – Hackwise Hackathon, IIM Indore (Selected among top campus teams, advanced to final DSA + prototype round).
- Prototype Selection – Walmart Sparkathon (Shortlisted for innovative solution design in AI/ML track).
- Secured 3rd Position – Coding Challenge, NIT Bhopal (solved algorithmic problems under timed constraints).

Projects

- **FarmAssist - Agriculture Support Web App**

Designed a farmer-focused platform integrating a CNN model to detect plant diseases via image uploads. Added real-time weather and government subsidy updates related to agriculture.

- **MindWell - Psychology Support Website**

Developing a web platform aimed at improving mental well-being by providing psychology-based resources, self-assessment tools, and guided practices. Implemented user authentication, session tracking, and journaling features to help users monitor mood and progress. Integrated scalable backend (Django/Flask) with support for interactive chat modules and planned AI-driven recommendation system for therapy exercises.

- **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 forms.

Experience & Activities

- Campus Finalist – Hackwise Hackathon, IIM Indore (Qualified for DSA round, contributed to rapid prototype and solution presentation).
- Hospitality Team Member – Tantrafiesta, IIIT Nagpur (managed participant coordination, event management, and hospitality logistics).
- Content and Anchoring Member – Orator Club, IIIT Nagpur (enhanced communication and public speaking skills).

Hobbies and Interests

- Reading Books
- Cricket
- Guitar