PRAGYANSHU MISHRA

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Education

The National Institute of Engineering, Mysore　　　　　　　　　　　　　　　　　　　　**2023-2027**
Bachelor of Engineering in Computer Science (CGPA: 8.90/10)　　　　　　　　　　　　　*Mysore, Karnataka*

Relevant Coursework

- Data Structures
- UNIX Shell
- Machine Learning
- Database Management
- Operating System
- Software Engineering

Experience

Owasp NIE Student Chapter　　　　　　　　　　　　　　　　　　　　　　　**Nov,2023 – Present**
Secretary　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　*Mysore,Karnataka*

- Spearheaded marketing initiatives to promote events, increasing student engagement and participation,Collaborated with the technical team to strategize and execute successful promotional campaigns.
- Developed compelling marketing content and outreach strategies, enhancing the chapter's visibility within the college community.
- Organized interactive sessions and workshops to attract a larger audience to chapter events.

Projects

UniSchedule | *HTML,CSS,Django*

- Designed and developed UniSchedule, a web-based timetable management system using Django, HTML, and CSS to automate class scheduling for educational institutions.
- Implemented real-time scheduling and extra class booking features, enabling dynamic updates for both students and faculty through role-based dashboards.
- Enhanced communication and reduced administrative workload by providing a centralized, secure platform for timetable access, conflict resolution, and personalized scheduling.

Orbital-Personalized Learning Recommender | *HTML,CSS,JavaScript,Python,Scikit-Learn*

- Built a responsive and intuitive user interface for Orbital using HTML, CSS, and JavaScript, enabling smooth user interactions across login, profile, and recommendation views.
- Implemented NLP-based relevance scoring algorithms using Scikit-learn to rank and filter course recommendations based on user queries and content relevance.
- Contributed to a cross-functional hackathon project, collaborating with backend developers to integrate frontend components with Python-based recommendation logic.

Technical Skills

Languages: Python, Java, C, C++, HTML/CSS, JavaScript, SQL
Developer Tools: VS Code, Eclipse, Git,
Technologies/Frameworks: Github, Django, Scikit-learn, TensorFlow, PyTorch

Leadership / Extracurricular

1st Prize in Hackverse 2025 at MIT,Mysore

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- Winner at HackVerse for building Orbital, a personalized learning recommender system that combined frontend development and NLP-based course relevance scoring using HTML, CSS, JavaScript, and Scikit-learn.
- Recognized for implementing a practical and scalable solution during the hackathon, contributing to both user interface design and machine learning logic for personalized course recommendations.

Finalists at Hackfest,SAP LABS　　　　　　　　　　　　　　　　　　　　　　　　　　**2025**

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- Selected among Top 100 out of 40,000+ teams at Hackfest by SAP Labs for developing FairHire AI, a responsible hiring solution aimed at eliminating bias and increasing transparency in AI-driven recruitment.