

PRIYANSHU NANDAN

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PROFESSIONAL SUMMARY

Electronics & Telecommunication Engineering student with a Data Science minor and a strong academic record (CGPA 8.51). Skilled in AI, Machine Learning, IoT, and Embedded Systems with hands-on project experience. Proven leadership as Class Representative and active participant in national-level hackathons. Passionate about building innovative solutions to real-world challenges.



EDUCATION

GH Raison College of Engineering and Management, Pune

B.Tech – Electronics & Telecommunication Engineering
(Expected 2027)

CGPA: 8.51 | **Semester VI SGPA:** 9.24

Minor: Data Science



RELEVANT COURSEWORK

- Data Structures & Algorithms
- Object-Oriented Programming
- Database Management Systems
- Machine Learning Fundamentals
- Operating Systems
- Probability & Statistics
- Data Science Fundamentals



TECHNICAL SKILLS

Languages:	Python, C Programming
AI / ML:	Machine Learning Fundamentals, Data Analysis, NLP, Scikit-learn, Pandas, NumPy
Tools & Platforms:	Jupyter Notebook, Google Colab, VS Code, Git, OpenCV
Embedded & IoT:	IoT, Embedded Systems, Sensor Interfacing, Hardware Prototyping
CS Fundamentals:	Data Structures & Algorithms (Basic), OOP Concepts



PROFESSIONAL SKILLS

- Leadership & Team Management
- Communication & Coordination
- Analytical Thinking & Problem Solving
- Critical Thinking & Decision Making
- Time Management & Adaptability



PROJECTS

ML Search Engine App (Python, Flask, Scikit-learn)

- Developed a machine learning-based search engine to improve search relevance and result ranking.
- Implemented data filtering and search optimization techniques to enhance result accuracy and user experience.

Smart Blind Stick (Arduino, Ultrasonic Sensor, Buzzer)

- Designed an assistive navigation system using ultrasonic sensors for real-time obstacle detection.
- Enabled safe navigation through timely alerts for visually impaired users.

Resume Screening System using NLP (Python, NLP, Scikit-learn)

- Built an intelligent resume screening application using NLP techniques.
- Implemented text extraction, keyword analysis, TF-IDF vectorization, and cosine similarity to match resumes with job descriptions and rank candidates.

Driver Drowsiness Detection System (Python, OpenCV, Dlib)

- Developed a real-time drowsiness detection system using facial landmark detection.
- Implemented eye-blink monitoring and automated alerts to improve road safety and reduce fatigue-related accidents.



LEADERSHIP EXPERIENCE

Elected Class Representative (CR)

Acted as a liaison between students and faculty, effectively communicating academic & administrative information. Organized and coordinated academic and technical events, fostering teamwork and collaboration.



ACHIEVEMENTS

- Participant – Smart India Hackathon (SIH)
- Participant – Hack With Infy
- Selected for Data Science Minor Program
- Consistently maintained strong academic performance



CERTIFICATIONS

- NPTEL – Enhancing Soft Skills and Personality (80%)
- NPTEL – Effective Writing (71%)
- Growth & Operations Certification – SparkIIT
- Student Ambassador Certification – Kshitij IIT Kharagpur