

PRIYANSHU GUPTA

+91 7652042882 priyanshu.gupta22b@iiitg.ac.in LinkedIn Github

PROFESSIONAL SUMMARY

Data Science and AI enthusiast with expertise in **machine learning, deep learning, cloud computing, and software development**. Strong problem-solving skills with hands-on experience in **Python, TensorFlow, Flask, PostgreSQL, and AWS**. Passionate about building AI-driven solutions for real-world challenges.

EDUCATION

Indian Institute of Information Technology, Guwahati <i>Bachelor of Technology, Electronics & Communication Engineering (ECE)</i>	2022 - 2026 CGPA: 8.9/10.00
S.J Education Centre, Kanpur <i>Class XII: ISC Board</i>	2021 Percentage: 80%
S.J Education Centre, Kanpur <i>Class X: ICSE Board</i>	2019 Percentage: 85.6%

EXPERIENCE

Indian Institute of Information Technology Guwahati <i>Research Intern</i>	May 2024 – July 2024
<ul style="list-style-type: none">Developed an end-to-end machine learning system in Python for detecting and classifying industrial sensor faultsImplemented data preprocessing pipeline, feature engineering, and optimized classification algorithms achieving high accuracy in fault predictionCreated a web-based monitoring dashboard with HTML/CSS for real-time visualization of sensor health metrics and fault alerts	

PROJECTS

Sensor Fault Detection <i>Technologies: Python, scikit-learn, pandas, NumPy, Flask, SQLite</i>	May 2024 – July 2024
<ul style="list-style-type: none">Developed an end-to-end machine learning system in Python for detecting and classifying industrial sensor faultsImplemented data preprocessing pipeline, feature engineering, and optimized classification algorithms achieving high accuracy in fault predictionCreated a web-based monitoring dashboard with HTML/CSS for real-time visualization of sensor health metrics and fault alerts	
Myntra Review Scraper <i>Technologies: Python, BeautifulSoup, Requests, Pandas</i>	Aug 2024 – Sep 2024
<ul style="list-style-type: none">Built Python/Jupyter web scraper extracting Myntra customer reviews for data-driven product analysis.Automated collection of product ratings, review text, and sentiment data, creating structured datasets for business intelligence.Designed data pipeline with scraping, cleaning, and sentiment analysis providing insights for product improvement and marketing.	

TECHNICAL SKILLS

- Programming Languages:** C, C++, Python, Java, Dart
- Web Technologies:** Flask, Django, RESTful APIs, HTML, CSS, JavaScript
- AI & ML:** TensorFlow, Pytorch, Scikit-learn, Langchain, Anaconda
- Database Systems:** PostgreSQL, MySQL, MongoDB
- Cloud & DevOps:** Google Cloud Platform, AWS, Docker, Podman, Node, Git
- Data Analysis:** Pandas, NumPy, Matplotlib, Jupyter Notebooks
- Development Tools:** VS Code, JetBrains IDEs, Linux, SSH

COURSEWORK

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|--------------------------------|-------------------------------|---------------------|-----------------------|
| • Data Structures & Algorithms | • Object-Oriented Programming | • Computer Networks | • Cloud Computing |
| | | • Operating Systems | • Database Management |