

KOMALKANT MOHAPATRO

Student

📞 +91-9439541617 ✉ trilom2023@gmail.com [🌐 linkedin.com/in/shakrashamim](https://www.linkedin.com/in/shakrashamim)

Summary

Aspiring Data Scientist — Python — SQL — Statistics — Machine Learning (Basics)

Motivated fresher with a solid understanding of data analysis, exploratory data analysis, and introductory machine learning concepts. Interested in applying data science skills to support informed decision-making..

Skills

Programming & Querying: Python , SQL

Data Visualization Tools: Power BI

Experience

IoT Intern (Internet of Things)

April 2025 – June 2025

Internet of Things(Remote)

Tools Used: Arduino IDE (Integrated Development Environment)

- Completed a 20-day hands-on IoT training program covering core concepts, tools, and **real-world applications of Internet of Things systems.**
- Gained practical experience with **Arduino Uno, RFID modules**, sensors, and basic IoT hardware components, including circuit design and testing.
- **Learned fundamentals of microcontroller programming, sensor integration, and data acquisition** for IoT-based solutions..
- **Built a mini IoT project as part of the program, involving hardware setup, coding, and functional testing** to demonstrate end-to-end system workflow.
- Collaborated with peers to troubleshoot hardware issues, refine logic, and present the final project outcomes.

Projects

Cosmic Sence | *Python*

January 2026

- Developed a **real-time system to calculate planetary positions** using the user's geographical location (latitude & longitude).
- Implemented logic to determine planet visibility based on altitude above the horizon.
- Utilized astronomical computation libraries to track planets accurately in real time.
- Designed functionality to display visible and non-visible planets from the user's current sky.
- Visualized **planetary positions using graphs and sky plots** for better user understanding.

Awards & Certifications

- **Internet of Things (IoT) Internship Certificate – [NIST UNIVERSITY] (2025):** Completed a structured internship covering IoT fundamentals, sensors and actuators, RFID technology, Arduino Uno programming, and real-time data acquisition; successfully developed a mini IoT-based project.

Education

National Institute Of Science and Technology

2024-2028

Berhampur, Ganjam, Odisha

CGPA 1st Year: 7.6 / 10