

PRIYANSHU JAISWAL

Ayodhya, Uttar Pradesh

📞 +91-9125069227 📩 priyanshu.22444@knit.ac.in 💬 LinkedIn

EDUCATION

Kamla Nehru Institute of Technology, Sultanpur
B.Tech - Electronics Engineering - CGPA - 8.1

2022 – 2026

Sultanpur, Uttar Pradesh

KT Public School, Ayodhya
Senior Secondary - Percentage - 91.60%

2020 – 2021

Ayodhya, Uttar Pradesh

KT Public School, Ayodhya
Secondary - Percentage - 91.66%

2018 – 2019

Ayodhya, Uttar Pradesh

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, SQL

Communication Systems: Modulation Techniques, Digital Circuit, Computer Networks

Tools: MS Office, Google Workspace

Technologies/FrameWork: ReactJs, NodeJs, CSS, WebRTC, Socket.io

INTERNSHIP & TRAINING

Trainee – Hindustan Aeronautics Limited (Avionics Division, Korwa, Amethi) June 2025 – July 2025

- Undergoing practical training in the field of aerospace and defense manufacturing with a focus on avionics systems and assembly processes.
- Gained exposure to the functioning of Line Replaceable Units (LRUs), aircraft testing procedures, and quality control measures.
- Assisted in basic maintenance documentation, component testing, and observed the workflow involved in military aircraft projects such as the Su-30MKI and Mirage 2000 upgrade programs.

PROJECTS

Wireless Data Transfer Using Li-Fi

- Designed and implemented a Li-Fi prototype capable of transmitting and receiving text and multimedia data using visible light communication, ensuring high-speed and secure wireless transfer.
- Analyzed system performance by testing data transfer speed, range, and reliability, and compared Li-Fi's efficiency and security advantages over conventional Wi-Fi.

Object Detector

- Developed an object detector using Ultrasonic Sensor and IC 555 Timer to detect, track and avoid obstacles.

POSITION OF RESPONSIBILITY

Carrom Team Captain
Sports Council, KNIT

2025 - Present

ACHIEVEMENT

- Led a team to secure 4th position overall and top rank in year at the E-Waste Management Competition organized by the Electronics Engineering Department, KNIT Sultanpur.