


# PRIYANSHU JAISWAL

Ayodhya, Uttar Pradesh

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## EDUCATION

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**Kamla Nehru Institute of Technology, Sultanpur**

**2022 – 2026**

*B.Tech - Electronics Engineering - CGPA - 8.1*

*Sultanpur, Uttar Pradesh*

**KT Public School, Ayodhya**

**2020 – 2021**

*Senior Secondary - Percentage - 91.60%*

*Ayodhya, Uttar Pradesh*

**KT Public School, Ayodhya**

**2018 – 2019**

*Secondary - Percentage - 91.66%*

*Ayodhya, Uttar Pradesh*

## TECHNICAL SKILLS

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**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

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**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

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### 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

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**Carrom Team Captain**

2025 - Present

Sports Council, KNIT

## ACHIEVEMENT

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- 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.