

# Niraj Kumar

## Contact

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## Education

### Master of Computer Application (MCA), Cyber Security

Shobhit University, Meerut  
• 2024 – Present | CGPA: 8.2

### Bachelor of Computer Applications

MMHU Patna | Graduated: 2022  
• Percentage 70.92%  
• General BCA

## Work Experience

### Computer Teacher

DPS Buxar | 1 Year  
• Taught fundamental computer concepts and programming to students from grades 6 to 10  
• Designed interactive classroom materials and helped students participate in tech competitions

### Estimate Creator

NAREGA Bihar | 2 Years  
• Prepared over 100+ detailed budget estimates for rural development projects  
• Collaborated with officials to ensure timely and accurate financial planning

## Academic Projects

### Java-Based System Utility Tools

- Developed tools like System Cleaner, RAM Monitor, Disk Space Analyzer, and Battery Monitor using Java Swing and AWT

### Smart Waste Management Solution (Award-Winning)

- Conceptualized and implemented an IoT-based model for real-time waste tracking
- Recognized by Meerut Commissioner during Meerut Mahotsav 2025

### Web Applications

- Currency Converter – Real-time currency exchange using Currency API
- Weather Forecast – Displayed live weather data using Location API
- Portfolio Website – Showcased personal and academic projects

### IoT Projects

- Smart Irrigation System – Automated water supply using soil moisture sensor
- Street Light Using LDR – Energy-efficient lighting control based on ambient light

## Skills

### Technical Skills

- Java[Core, Advance]
- HTML, CSS, JavaScript
- Hadoop cluster
- Python[core]
- IoT[Arduino]

## ACHIEVEMENTS

- Awarded for Smart Waste Solution
- Felicited by Meerut Commissioner
- Presented at Meerut Mahotsav 2025
- Contributed to Smart City Project
- Recognized by NIELIT Government Panel

## Languages

- English
- Hindi

## Certification/Short Courses

- INFORMATION TECHNOLOGY TOOLS AND NETWORK BASICS
- WEB DESIGNING & PUBLISHING
- PROGRAMMING AND PROBLEM SOLVING THROUGH PYTHON
- INTERNET OF THINGS AND ITS APPLICATION
- INNOVATING WITH GENERATIVE AI
- POWER BI [BUSINESS INTELLIGENCE]
- INNOVATION IN SALESFORCE