

# SURAJ

+91 9430283483 ◊ National Institute Of Technology, Patna, Bihar ◊ Languages: English, Hindi

suraj3089186@gmail.com ◊ linkedin.com/suraj18 ◊ personal website

## EDUCATION

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- **National Institute Of Technology, Patna** 2022 - 2026  
B.Tech in Electronics and Communication Engineering CGPA: 7.19
- **Lyceum International School, Patna** 2021  
CBSE, Intermediate in Physics, Chemistry & Maths Percentage: 88.4
- **G.D. Mother International School, Patna** 2019  
CBSE, Matriculation Percentage: 94.0

## SKILLS

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- Languages** C++, Python, Embedded C, Arduino, HTML, JavaScript, Solidity, MATLAB
- Tools** VS Code, Arduino IDE, Git, GitHub, MATLAB, Simulink, Thingspeak, ROS2
- Course Work** Data Structures and Algorithms, OOPS, Image Processing Using ML
- Soft Skills** Team Leadership, Debating, Public Speaking, Adaptability
- Areas of Interest** Robotics, Automation, Book Reading

## VOLUNTEER EXPERIENCE

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- Vimantriki** : Organizer TESLA NIT Patna
- Facilitated a 2-day drone workshop, attended by 100+ participants
- Coordinated academic and regulatory permissions
- Work 4 Unity** : Volunteer June 2020 – Present
- Co-founded a social society with 10+ members, impacting 500+ people
- Supported accommodation for 200+ individuals during Covid

## PROJECTS

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- **Personal Website** : [View Here](#)
- Designed and developed a personal website using HTML, CSS, and JavaScript with query logging, resulting in a 20% increase in user engagement.
- **Smart Wearable**
- Conceptualized and created a smart wearable using Arduino IDE, ESP32, monitoring the vital signs of 50 elderly patients and reducing emergency room visits by 30%.

## CERTIFICATIONS

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- **MATLAB** Achieved MATLAB Onramp Certification with 100% score June 2024
- **IoT** Completed Introduction to the Internet of Things and Embedded Systems Jan 2024
- **Postman API** Earned Student Expert: Basics of Application Programming Interface May 2023
- **Cybersecurity** Obtained Cybersecurity Essentials Certificate from Cisco Networking Academy June 2024

## POSITIONS OF RESPONSIBILITY

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- **Chairperson** RA Society, NIT Patna 2023 – Present
- **Technical Head** IEEE MTTTS, NIT Patna 2024 – Present
- **Blockchain Team Member** TESLA Club, NIT Patna 2023 – Present
- **Member** Natvansh: Drama and Film Club, NIT Patna 2023 – Present

## ACHIEVEMENTS

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- **Winner** Tarksangat: Debating Competition, 1st place out of 30 participants, IIT BHU Kashiyaatra Jan 2024
- **Trainer** Instructed 50+ tech enthusiasts on Microprocessors and Microcontrollers through 10 workshops Apr 2024
- **Bronze Medal** in Monoact, 3rd place out of 20 contestants, Eccentricca at NIT Patna Nov 2023
- **UNGA Best Delegate** at NITP Model United Nations, top delegate among 50 participants Sep 2023
- **State Representative** from Bihar at Youth India Conclave, selected 1 of 5 students, IIFM Bhopal June 2023
- **Best NSA** of Y20: Model G20, top position out of 30 participants Mar 2023
- **SSB** Conference Out from SSB Vishakhapatnam Mar 2022