

# JAINAM NAHAR



## PERSONAL DETAILS

C-1210, Ratnashyam Residency, Althan Canal Rd, Althan, Surat, 395007 Surat, Gujarat, India  
btech10153.21@bitmesra.ac.in, +918799006657

Date of birth: July 14, 2003

Place of birth: Surat, Gujarat

Gender: Male

Nationality: Indian

LinkedIn: [linkedin.com/in/jainam-nahar-280292253](https://www.linkedin.com/in/jainam-nahar-280292253)

## EDUCATION

### Matriculation or 10th

2018 – 2019

L.P. Savani Academy, Surat

CBSE | 92.2%

### Higher Secondary or 12th

2020 – 2021

Bhagwan Mahavir International School, Surat

CBSE | 92.4%

### Undergraduate

11/2021

Birla Institute of Technology, Mesra, Ranchi

BTech | ECE | 8.44 (till 4th Sem)

## PROFILE

Highly motivated and technically skilled professional seeking an exciting role in Cybersecurity, Robotics, and Machine Learning. Proficient in security tools like Nmap, Burp Suite, Metasploit, and IDS/IPS systems. Well-versed in cryptography, encryption, and decryption, with hands-on experience in Kali Linux and Ubuntu for cybersecurity and ethical hacking tasks, as well as robotics development.

Proven expertise in C++, Python, and Java, with a keen interest and knowledge in Machine Learning, Deep Learning, and Robotics Software Engineering. Dedicated to staying abreast of industry trends and technologies, ensuring valuable contributions to organizational goals and fostering innovation.

Eagerly seeking a dynamic environment that fosters continuous learning and offers opportunities for professional growth.

## KNOWN LANGUAGE

Hindi

English

French

Sanskrit

## SKILLS

Problem Solving Skills



Machine Learning and Deep Learning



Simulation Tools: Gazebo, CoppeliaSim, Multisim



Circuit Design



Embedded System



Graphic Design: Canva, Photoshop, After Effects



Arduino Programming



Familiar with Ubuntu and Kali Linux



Signal Processing



RF and Wireless Technologies

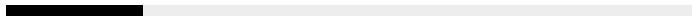


## LANGUAGES

C++



Python



Vivado



ROS and OpenCV



TensorFlow



## HOBBIES

■ Creative Writing and Reading Books

■ Cricket, Football and Badminton

■ Sketching and Painting

■ Traveling

## ACHIEVEMENTS

- Successfully completed the B Certificate examination of the National Cadet Corps (NCC) and achieved an alpha grade, demonstrating my competence and dedication to the program.
- Got the chance to go to Def Expo 22, where my product the hand gesture following bot was on display. It was thrilling to see my invention on exhibit among other cutting-edge defense technology. I was able to network with business leaders, learn insightful things, and present my robotics research at this event.
- Conducted ethical hacking - identified and reported SQL Injection vulnerabilities on the Madhusudan Das Regional Academy of Financial Management, Bhubaneswar, government website using Google Dork and sqlmap.
- Led campus engagement, delivered impactful training as Rinex Campus Ambassador, bridging education-industry gap for holistic student development
- Gained hands-on marketing experience at Teachnook, contributing to campaigns, social media, and data analysis for effective outreach by working as Marketing Intern

## QUALITIES

■ Leadership and Teamwork

■ Communication Skills

■ Continuously Learning and Curiosity

## POSITION OF RESPONSIBILITY

### The Literary Society

Started on: Jun, 01, 2023

#### Event Co-ordinator

**Key Skills:** Organization Skills, Time Management, Communication, Creativity and Leadership

**Description:** I am responsible for overall event planning and organization. This includes determining event objectives, setting timelines, and developing a comprehensive plan to ensure all necessary tasks and logistics are taken care of.

### Robolution

Started on: Jul, 07, 2023

#### Embedded Lead

**Key Skills:** Embedded Systems, Programming, Circuit Design and Microcontroller and Sensor Integration

**Description:** I oversee the design and implementation of embedded systems, coordinate hardware and software integration, mentor team members, and contribute to innovative robotics projects.

### Pantheon Event Team

Duration: August 2023 - October 2023

#### Organiser

**Key Skills:** Event Planning and Management, Team Collaboration and Leadership and Effective Communication

**Description:** As a Pantheon key team member, I planned and implemented a wide range of technical events, expertly managing planning, scheduling, resource allocation, and strategic alliances, substantially enhancing East India's top technical fest.

## INTERNSHIPS

### Hybrid and Electric Vehicles Trainee

06/2023 - 07/2023

Jethi Tech Solutions, Remote

I oversaw the design of key elements for a cutting-edge 48V parallel hybrid electric vehicle (HEV) during my internship. Proficient in mechanical and electrical design, inventive prototyping, and smooth system integration,

### Cyber Security and Ethical Hacker

07/2023 - 08/2023

Threat Prism, Remote

Internship involved using advanced tools like Hydra, John the Ripper, and NSE scripts to identify system vulnerabilities. Expanded capabilities, cracked password hashes, and generated tailored password lists.

## PROJECTS

### Hand Gesture Following Bot

**Duration:** Jul, 29, 2022 - Oct, 22, 2022

**Team Size:** 1

**Key Skills:** Arduino Programming, Sensor Intergration, Embedded System, Problem Solving and

Communication Protocol

**Description:** A robotic device that interprets and responds to human hand gestures, enabling interactive and intuitive communication.

### IoT-based Emergency Push-Button for Emergency Vehicles

**Duration:** Jan, 04, 2023 – Apr, 20, 2023

**Team Size:** 1

**Key Skills:** IoT Technology, Network Infrastructure, Arduino Programming and Problem Solving

**Description:** In emergencies, a cutting-edge system deploys a strategically placed button in emergency vehicles, activating IoT technology. This triggers synchronized alerts to nearby vehicles and traffic police, optimizing traffic flow for swift emergency responses.

### Greet Bot

**Duration:** Jan 2023 – July 2023

**Team Size:** 6

**Key Skills:** Interaction Design, Programming and Scripting, User Experience (UX) Design and Artificial Intelligence (AI)

**Description:** Designed and implemented a responsive and interactive greeting bot, leveraging advanced technology to warmly welcome and engage individuals who interact with it.

## CERTIFICATES

|   |         |
|---|---------|
| Skill Vertex Certified Professional in IoT                            | 04/2022 |
| Coincent Certified Professional in Cyber Security and Ethical Hacking | 07/2023 |
| Microsoft Certified Security, Compliance and Identity Fundamental     | 06/2023 |
| Campus Ambassador for Rinex   | 07/2023 |
| Teachnook Certified: Hybrid and Electric Vehicles                     | 08/2023 |