PANTHA PRADIP SAMADDER (HE/HIM)

Date of Birth: 1st January, 2000
B.Tech. CSE – Specialization in Artificial Intelligence
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SKILLS

JavaScript, C++, Python, SQL, HTML, CSS, React JS, Node JS, Express JS, Tailwind, MongoDB, Adobe Premiere Pro, Adobe After Effects, Adobe Photoshop.

EDUCATION

1. PARUL INSTITUTE OF TECHNOLOGY, VADODARA **Aug 2020 – Apr 2024**
B.Tech. in Computer Science and Engineering – AI CGPA – 7.72/10
2. XII (W.B.C.H.S.E. BOARD) 62.2%
3. X (W.B.B.S.E. BOARD) 78.43%

CERTIFICATIONS

1. NPTEL – IIT Kharagpur, Introduction to Internet of Things 82%
2. CISCO NETWORKING ACADEMY – Introduction to Cyber Security

INTERNSHIPS

1. SLASH MARK **Nov 2023 – Feb 2024**
Full Stack Web Developer Intern
Worked on a food ordering app using MERN stack.

- Designed and implemented user friendly interfaces using React.js. Created dynamic and responsive web pages. Integrated APIs to fetch and display data in real-time. Utilized MongoDB for database management.
- Developed RESTful APIs using Node.js and Express.js for managing food orders, user authentication and other functionalities. Deployed the application on cloud platforms and ensured scalability and reliability.

2. AUTOMOBILE DEPARTMENT (PIT) **Nov 2022 – Feb 2023**
Project Associate – Robotic Arm for Multi-Axis Welding

- Assisted final-year students in developing a robotic arm for multi-axis welding. Provided technical support and guidance throughout the project lifecycle.
- Developed precise control algorithms in Arduino IDE to ensure accurate and smooth motor movements. Utilized the HC05 Bluetooth module for wireless communication and control.

PROJECTS

1. OBJECT DETECTION USING OPENCV, PYTHON
Mentor: Asst. Prof. Meet Kumar Patel, **Team Size:** 4, **Key Skills:** OpenCV, Python, Computer Vision, Image Processing

- Designed and implemented an object detection algorithm using OpenCV and Python. Integrated camera hardware for real-time processing, documented the development process, debugged software issues.

2. ENHANCED IDENTIFICATION SYSTEM
Mentor: Asst. Prof. Akash Patil, **Team Size:** 4, **Key Skills:** Python, Computer Vision, Image Processing

- Developed facial recognition features to accurately identify individuals for security purposes. Ensured real-time processing capabilities for immediate identification and response.

INTERESTS & HOBBIES

1. Chess, **2.** Music, **3.** Designing, **4.** Editing