


SHREYA PAUL

B. Tech, Electronics & Comm. Engineering

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EDUCATION

Birsa Institute of Technology, Sindri

B. Tech (Electronics & Communication Engineering) | GPA : 8.54


Dhanbad, Jharkhand

 Oct 2022- Present

Mother's Public School, Bhubneswar

Senior Secondary School (XII) | Percentage: 94.6


Bhubneswar, Odisha

 April 2020 - March 2022

Tata DAV Public School, Noamundi

Secondary School(X) | Percentage: 96.4

Noamundi, Jharkhand

 April 2018 - March 2020

SKILL SUMMARY

- **Language:** C++
- **Development** HTML, CSS.
- **Tools:** Excel, PowerPoint, Word, Adobe Illustrator, Figma.
- **Core Subject:** Digital Electronics, Basic Electronics, Network Theory.
- **Soft Skill:** Leadership, Team Work, Communication Skill.


PROJECTS

TOUCHLESS DOOR BELL SYSTEM

 **May 2024 – May 2024**

- Built an IR proximity sensor-based touchless doorbell system for enhanced convenience and hygiene.
- Designed and implemented custom sensor algorithms to accurately detect human presence and trigger doorbell activation.
- Conducted extensive field testing to fine-tune sensor sensitivity and optimize system performance.
- Delivered a reliable and robust touchless doorbell solution, meeting client requirements and exceeding expectations.

BCD TO SEVEN SEGMENT DECODER

 **Feb 2024 – Feb 2024**

- Designed and implemented BCD to Seven Segment decoder circuitry for efficient numerical representation.
- Conducted thorough testing and debugging procedures to ensure accuracy and reliability of the decoder system.
- Integrated the decoder module into larger electronic systems, enhancing functionality and user experience.
- Successfully delivered the project within specified timeframes and budget constraints, meeting project objectives.


E-COMMERCE WEBSITE CLONE (AMAZON)

 **June 2023 – June 2023**

- Developed a fully functional Amazon clone website with responsive design and seamless user experience.
- Utilized technologies such as HTML, and CSS to build the frontend.
- Integrated social login and sharing features to encourage user engagement and expand reach.
- Conducted thorough testing and debugging to ensure smooth functionality across different devices and browsers.

CERTIFICATION COURSES

BASICS OF PROGRAMMABLE LOGIC CONTROLLER (PLC)

 **Jan 2024 – March 2023**

- Successfully completed an intensive certification course in Basics of Programmable Logic Controller (PLC), gaining practical skills in programming, troubleshooting, and system integration through hands-on training and simulation exercises.

BASICS OF INTERNET OF THINGS (IoT)

 **May 2021 – May 2021**

- Successfully completed a comprehensive certification course on Internet of Things (IoT) technologies, gaining proficiency in architecture, sensor networks, data analytics, and cloud integration through hands-on projects and coursework.

ACHIEVEMENTS

- Awarded First Prize for Technical Paper Presentation by ECE Society.
- Received Millennium Scholarship by Tata Steel.
- Received the medal of Distinction in International Maths Olympiad.
- Got Scholarship by Tata Steel OMQ, Division.

POSITION OF RESPONSIBILITIES

- Member of Hackathon & Coding Club, BIT Sindri.
- Member of ECE Society, BIT Sindri.