

# PUNIT PRIYANKAR MOHAPATRA

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## PROFESSIONAL SUMMARY

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To achieve excellence in the field of Electronics & Communication Engineering field where my didactic ability and skills will be used maximum for growth of the organization. Seeking a challenging and deserving position in well-established organization that offers professional growth and ample amount of opportunity to learn and enrich my competencies in my respective field.

A pre-final year Graduate in Electronics and Communication Engineering with a major project on Arduino, problem solving skills, ability to motivate people through the presentation and communication skills, wishing to excel in my career.

## EDUCATION

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B. Tech (ECE)   ITER   SOA University   Bhubaneswar   8.28 CGPA	2021-2025
12 <sup>th</sup> (PCM)   Modern Public School   Balasore   79.8%	2021
10 <sup>th</sup> (CBSE)   Modern Public School   Balasore   93.8%	2019

## TECHNICAL SKILLS

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- MATLAB , Python , Core Java
- Content Creation for Website & Digital Marketing
- Social Media Handling
- MS Office with AI

**Tools:** GitHub, Canva Pro, Simulink, MS Office Professional

## INTERNSHIP EXPERIENCE

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### EXCELLENCY BY MANISHA (OPC) PVT. LTD.

#### DURATION: 23<sup>rd</sup> FEBRUARY TO TILL NOW (FULL TIME)

- Developing, reviewing and approaching the content creation like finalized the logo, company initials like letter head, visiting card, Boucher, certificates, ISO documentations, content creation for the website.
- Mind mapped, designed, and developed the interface of the company website.
- Experimented my skills on the company framework development as it's a startup company.
- Honed my skills in creating and executing successful content creations for digital marketing and content creation for various training programs
- Having strong understanding of customer behavior and market trends, which allows me to create effective development and content creation that resonates with the target audience
- Gained hands on experience on my passion for designing, critical thinking, convert ideas into reality has driven me to stay updated with the latest trends and techniques in the industry.
- Framework: HTML, CSS, CANVA PRO, AI, CHAT GPT, WORDPRESS

## FREELANCING EXPERIENCE

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### Cocu Audio, Designer

2021

- Worked as a freelancer for the Audio Brand to help them design their image on social media and a boost their sales

## INDEPENDENT FREELANCING

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- Design Posters, Visiting Cards, Logos, Tshirts
- Tech Content Creator on YouTube

2021-present

## PROJECTS

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**Trainee, ECE, Bhubaneswar, Odisha**

**2024**

**Project Title:** -Measuring Water Flow Rate and Volume using a Water Flow Sensor and Arduino

**Client:** -L&T, India

**Environment:** -Arduino IDE, Windows

- Gained, acquired and visualized insight to “MEASURING WATER FLOW RATE AND VOLUMING USING A WATER FLOW SENSOR AND ARDUINO”.
- Enhanced hands-on experience on ARDUINO, YFS201 Hall Effect Water Flow Sensor and i2c 16x2 LCD.
- Experimented different angles of the hall effect and its application on how to measure the rate of flow of a liquid and its volume.
- [Link to Project](#)

## INDIVIDUAL PROJECTS

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**2019**

**Project Title:** - Smart Dustbin using Arduino

**Environment:** -Arduino IDE, Windows

- Developed a profound understanding on “Smart Dustbins”.
- Mind-mapped the concept of transmitting and receiving and the role of sensors and microcontrollers.
- Created the model using ARDUINO UNO, HC-SR04 Ultrasonic Sensor and SG90 Servo Motor.
- Resolved the problem of manually accessing the dustbin, made waste collection and recycling more efficient.

**Project Title:** - Smart Door Lock

**Environment:** -Arduino IDE, Windows

- Deduced a wise notion on the working principle of “Smart Door Locks”.
- Brainstormed on the concepts of Radio Frequency Identification (RFID).
- Simulated and presented the exemplar using ARDUINO UNO, MFRC22 RFID Reader and SG90 Servo Motor.
- Solved the basic purpose of easy access to the lock with any traditional LOCK and KEY.

## TEAM PROJECTS

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**2024**

**Project Title:** - Blink Detector Using Python

**Environment:** -Python, Windows

**Role in the Project:** -

- As a consultant in the aforementioned project, my role was instrumental in providing the problem statement and guidance for the solution set to ensure the success and efficiency of my team’s efforts.

**Project Description:** -

- The objective of this project is to develop a program that tracks the number of times an employee blink their eyes and provide a report to the employer to determine whether the employee is actively working or sleeping during designated work hours. This system aims to enhance productivity monitoring and ensure employee accountability in the workplace.

**Project Features:** -

- **Eye Blink Detection:** The program utilizes computer’s webcam to detect and track eye blinks.
- **Real-time Monitoring:** It continuously monitors the employee's eye blink actively in during set work hours.
- **Data Analysis:** The program analyzes the frequency and duration of eye blinks to determine patterns indicative of alertness or drowsiness.
- **Reporting:** The program generates comprehensive reports summarizing the employee's activity, including periods of productivity and potential instances of sleep.
- **Alerts:** Employers receive real-time alerts if the program detects prolonged periods of inactivity or drowsiness, allowing for immediate intervention if necessary.

## SEMINARS & WORKSHOPS

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- Certified, experienced and simulated ‘**MS Office with AI**’ with **Skill Nation** and **Be10x**.
- Attended **6 Days Workshop** on ‘Universal Human Values’ organized by **AICTE**.
- Learnt, paraphrased and applied the learnings from the **iON Career Edge Workshop** by **TCS**.
- Evaluated the significance of the announcements made in **5G** event organized by **SOA**.
- Generated a structured plan outlining the quiz structure, question types, scoring mechanisms, and logistical details to facilitate smooth execution of the **Electron Quiz** held by **NTPC**.