

SOUMYA SAMANTA

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CAREER OBJECTIVE

Electrical Engineering graduate eager to begin my career in a core engineering role, where I can apply my knowledge of control systems, instrumentation, and automation. Looking forward to contributing to real-world solutions and growing with a company like L&T Technology Services.

EDUCATION

B.Tech in Electrical Engineering <ul style="list-style-type: none">MAKAUT University	2021-2025 CGPA-8.36
Higher Secondary(12th) <ul style="list-style-type: none">Howrah Zilla School	2020-2021 Percentage -77.57
Secondary(10th) <ul style="list-style-type: none">Kona High School	2017-2018 Percentage -78.8

PROJECTS

Final Year Project <i>Adisaptagram, Howrah</i>	Jan 2024 - June 2024
<ul style="list-style-type: none">Designed and implemented an IoT-based flame detection system using NodeMCU, Arduino, and analog flame sensors for real-time fire hazard monitoring.Integrated output components (LED and buzzer) to provide immediate visual and audio alerts upon flame detection.Focused on a cost-effective and energy-efficient solution suitable for safety and automation applications in electrical systems.	
IoT device project in Techfiesta <i>Adisaptagram, Howrah</i>	Apr 2024
<ul style="list-style-type: none">Collaborated as a core team member of 'PIXEL PIONEERS' to develop an IoT-based distance monitoring system using ultrasonic sensors and NodeMCU, enabling real-time alerts via cloud communication.Engineered a self-automated and manually controlled smart water tank using sensor inputs to optimize water usage and improve system efficiency.Secured Runner-up position in a competitive project showcase, demonstrating strong skills in IoT, embedded systems, and practical safety solutions	

INDUSTRIAL TRAINING

WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY LIMITED	Jul 2024
<ul style="list-style-type: none">Completed 14-day industrial training at WBSEDCL with focused exposure to electrical power distribution systems and infrastructure.Observed real-time functioning of substations and distribution networks, enhancing practical knowledge of grid-level solutions.	

SKILLS

Soft Skills

- Teamwork
- Leadership
- Effective Communication
- Time Management

Hard Skills

- Basic MATLAB & PSpice
- Basic PLC Programming (Learning via SIMATIC Manager)
- IOT & Embedded System Basics

CERTIFICATION & ACTIVITIES

- Runner-up in IoT Project Competition at Techfiesta 2024
- Member of IEI Student Chapter – Helped organize a PCB workshop
- Completed Certification Course in Java Programming

LANGUAGES

- English, Bengali,Hindi