



# SATYAM DEY

## Electronics And Communication Engineer

### My Contact

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### Technical Skills

- C
- Microsoft Office
- JAVA Full Stack
- OOPs
- SQL
- python (Basic)

### Soft Skills

- Observation
- Decision making
- Communication
- Multi-tasking
- Leadership
- Time Management

### Areas of Interests

- DSA
- Computer Network

### Education

- 🎓 Bachelor Of Technology  
Electronics And Communication Engineering  
2021 - Present
- 🎓 Higher Secondary Board  
*Santinagar Vidyamandir (H.S.)*  
92.2%  
Completed in 2021
- 🎓 Secondary Board  
*Asansol Ramakrishna Mission High School*  
91.14%  
Completed in 2019

### About Me

Eager to pursue a responsible career and be a part of a progressive organization that gives a scope to enhance my knowledge & utilize my skills towards the growth of the organization.

### Hobbies

- Playing Football, Cricket
- Indoor & Outdoor Games
- Mobile Gaming
- Reading Story Books & Novels

### Languages Known

- English (Professional language)
- Bengali (Mother tongue/Native)
- Hindi (Fluent Speaker)

### Certifications

- C Programming For Beginners - Master the C Language
- Learn Arduino by Building 26 Projects
- JAVA Full Stack From TalentNext through Wipro
- Salesforce Developer Virtual Internship
- SQL and Relational Databases 01 by Cognitive Classes

### Experiences

- 5 years experience as Assistant Worker on Air-conditioner & Refrigerator and till now
- Volunteer In Games Meet at College Level
- Participation as a vocalist in Arcadia'23 (college fest)
- Salesforce Developer Virtual Internship by Smartinternz

### Projects

#### • Fire Fighting Robot (Final year project) In progress

The project scope for making a firefighting robot using Arduino encompasses designing, building, and programming a robotic system capable of detecting and extinguishing fires autonomously or via remote control. It includes integrating sensors for fire and obstacle detection, developing a mechanism to dispense extinguishing agents, and creating control algorithms for navigation and fire-fighting strategies. The project aims to demonstrate how robotics and automation can enhance safety and efficiency in hazardous tasks like firefighting. It also serves as an educational tool, teaching practical skills in electronics, programming, and mechanical design, while highlighting the potential of Arduino in robotics and embedded systems.

#### • Soil Moisture Sensor (Mini Project)

The project aims to develop a system for monitoring soil moisture levels, selecting appropriate sensors and hardware, collecting and analyzing data, creating visualizations, and optionally integrating with other systems. Testing, deployment, documentation, and maintenance are integral parts of the process.