

# Abir Kumar Nandi



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## Objectives

Ambitious 3rd year B.Tech student , with a diverse technical skill set and a passion for innovation . Proficient in a range of programming languages including C,C++,Java, Python, and JavaScript. Focused on honing my skills in frontend web development and data science, with experience in technologies like React.js, SQL, PowerBI, and statistics. Possess deep knowledge of IoT with hands-on experience. Seeking opportunities to apply my multifaceted technical expertise. Committed to continuous learning and personal growth, to stay ahead of the curve in an ever-evolving technological landscape.

## Education

- Academy of Technology | B.Tech in Electronics and Communication Engineering | CGPA: 8.13 (up to 5th semester)  
2021-2025  
Adisaptagram | West Bengal | India
- Arambagh Vivekananda Academy | High Secondary | XII | CBSE | Percentage : 84.2  
2019-2020  
Arambagh | West Bengal | India
- Arambagh Vivekananda Academy | Secondary | X | CBSE | Percentage : 93.8  
2008-2018  
Arambagh | West Bengal | India

## Experience

- One month internship in Web Development and Web Designing at Oasis Infobyte  
→ Worked on three different projects purely on web development fundamentals  
→ Developed 3 projects : a simple calculator,a tribute page and a real-time note taking application  
→ Technologies used : HTML,CSS and JavaScript
- Hands on Experience With Arduino
- Contributor in Hacktober fest 2022

## Achievements and Other Activities

- Volunteered in college techfest - Techfiesta'24
- Qualified TCS CodeVita season-11 (2023-24) Round-1 and 2 successfully with a rank of 1344
- 100+ problems solved on GeeksforGeeks.
- Winner of quiz organized by shardeum 's meet-up and workshop on web3.0
- Member Of Student Chapter-ECE in Academy Of Technology

## Projects

- IOT based wireless Smart Home Automation Using Arduino UNO (Ongoing)
  - Our final year project focuses on developing an IoT-based smart home automation system.
  - We're integrating various communication protocols to ensure seamless connectivity between different devices and the central control hub.
  - It involves incorporating sensor integration to gather data on environmental conditions and user preferences. We're leveraging an IoT platform to manage and control all connected devices efficiently.
- Exploratory Data analysis using Python
- Personal Portfolio website using React JS and Tailwind CSS
- E-commerce Dashboard Creation Using Power BI

## Skills

- Technical skills : Programming Languages - C | C++ | Python | Core Java | SQL  
Others- HTML | CSS | Javascript | Tailwind CSS | Bootstrap | Power BI | Statistics | React JS | Data structures and algorithms | Arduino | Python Libraries(Matplotlib,numpy,Seaborn,etc) |Git and Github
- Soft Skills : Problem Solving | Critical Thinking | Adaptability | Time Management | Leadership |Communication

## Hobbies

- Cricket
- Gaming
- Reading Books
- Gyming