

# SOUPREET DEY

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## Education

### Birla Institute of Technology, Mesra

Bachelor of Technology in AI/ML, Computer Science

Ranchi, JH

Nov. 2022 - Present

### FIITJEE Junior College

Senior Secondary (12th) - 96.5%

Visakhapatnam, AP

Jun 2020 - Jun 2022

### Visakha Valley School

Secondary School (10th) - 95%

Visakhapatnam, AP

Jun. 2014 - May 2020

## Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Discrete Mathematics
- Object Oriented Prog.
- Math. for Data Science
- Probability & Statistics
- Computer Architecture

## Projects

### E-Commerce Price Tracker | Next.js, Bright Data, MongoDB, Tailwind CSS, Nodemailer

Aug 2024

- Built a web scraping application that monitors eCommerce products, enabling users to track price reductions and stock status in real time.
- Utilized **Next.js** and **Bright Data's Webunlocker** to scrape product data from Amazon, displaying key details such as price, title, and availability.
- Built an email notification system using **Nodemailer** to alert users when products are back in stock or when prices drop.
- Automated scraping processes through **cron jobs** to keep the data up-to-date for product tracking.

### Real-Time Chat Application | React.js, Firebase

May 2024

- Developed a scalable real-time chat application using **React.js** for the user interface and **Firebase Cloud Firestore** for real-time database and authentication.
- Implemented secure user authentication with **Firebase Authentication**, including email/password login and Google OAuth.
- Enabled instant message synchronization across devices using **Cloud Firestore**, supporting multiple users simultaneously.

## Technical Skills

**Languages:** C/C++, Python, HTML/CSS, JavaScript

**Developer Tools:** VS Code, Eclipse, Git/GitHub

**Libraries:** OpenCV, Numpy, Pandas, Matplotlib

**Frameworks:** React, Node.js, Next.js, Tailwind CSS, Bootstrap

**Soft Skills:** Research, Public Speaking, Leadership, Time Management, Communication

## Position of Responsibility

### Robolution

Jun 2023 - Present

Sponsorship Head

- Organized, managed, and instructed robotics events with a total attendance of over 3,000 participants.
- Collaborated with brands and acquired sponsorship deals for various club events.
- Assisted in the development of multiple hardware projects for national and international competitions, including ISRO Robotics Challenge (IRoC), ABU Robocon, and Gujarat Tech Fest.

### Dhwani Music Club

Jan 2023 - Present

Member

- Orchestrated and streamlined the execution of multiple fests, ensuring seamless operations and high participant satisfaction.
- Contributed as a lead vocalist in various events of the club.

## Achievements

- Solved over **200+ coding problems** across various platforms, including LeetCode, Codeforces, and Gfg.