

# Souryadeep Bhattacharya

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## EDUCATION

### ST. THOMAS COLLEGE OF ENGINEERING AND TECHNOLOGY

B.TECH IN ELECTRICAL ENGINEERING

July 2021 | Kolkata, India

CGPA: 8.51

### SOUTH POINT HIGH SCHOOL

SCIENCE

2017 | Kolkata, India

Result: 74.4%

## LINKS

[LinkedIn](#)

[GitHub](#)

[LeetCode](#) (200+)

[CodeChef](#)

## SKILLS

### PROGRAMMING

LANGUAGES:

- Java • Javascript • SQL
- Data Structures and Algorithms

Web Development:

- HTML • CSS • NodeJS
- Handlebars • ExpressJS

Database:

- MongoDB

## PROJECTS

### TASK MANAGER REST API | [GITHUB](#) | [VIDEO-DEMO](#)

- Task management application for users to create, update, delete tasks, built using **NODEJS** and **MONGODB**
- It follows a **RESTful API** design architecture and has complete **CRUD functionalities**
- Used **EXPRESS JS** to manage servers and set route endpoints
- Implemented user verification using **NPM Validator** Library, **Mongoose Models** and **JSON Web Tokens**
- The app sends an email notification upon registration and deactivation of the user's account using **SENDGRID API**
- The app stores different user sessions from different devices using user **tokens**
- It stores user passwords in the database after hashing using **NPM Bcrypt** Library
- Tested API functionality using **POSTMAN** and used **Environment Variables** to store sensitive information

### CHAT APP | [GITHUB](#) | [DEPLOYED APP](#)

- **Real-Time Chat** application made using **NPM Socket.IO**
- It allows multiple users to have a private or public chat by using user-defined Rooms
- Used **NPM Bad-Words** Library to provide profanity Filter
- Implemented Instant **SEND LOCATION** functionality in case of emergency

### WEATHER APP | [GITHUB](#) | [DEPLOYED APP](#)

- A weather application that allows you to get current weather information, based on the city you enter
- Used **WeatherStack API** to fetch weather data
- Used **Handlebars** to make header and footer consistent throughout all pages

## ACHIEVEMENTS

- 200+ Problems solved on LeetCode
- Ranked among top 300 out of 1,67,000 in HackWithInfy 2020
- Highest Rating of 1662 (3\*) in CodeChef
- Participated in Google KickStart Round C and ranked 3143

## EXPERIENCE

### COGNIZANT | PROGRAMMER ANALYST

Sept 2021 - Present | Kolkata, India

- Worked and got Trained on SAP BW
- Implemented a Process Chain which increased efficiency by 7% and decreased error occurrences by 10%.