

# SABHARISH SAPPA

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## EDUCATION

Bachelors in Computer Science and Engineering, <b>NIT Durgapur</b> , West Bengal	<b>CGPA 8.84/10.0</b>	[2020 – 2024]
Higher Secondary Education, <b>Vijaya Ratna Junior College</b> , Hyderabad, TS	<b>% 96.4/100</b>	[2019]
Secondary Education, <b>Little Angels School</b> , Srikakulam, AP	<b>CGPA 9.8/10.0</b>	[2017]

## EXPERIENCE

### NodeJS Intern @Celabal Technologies

May 2023 – Aug 2023

- MERN Tech Stack Development:** I proficiently utilized the MERN tech stack to enhance various aspects of the application, handling database management with MongoDB, server-side logic using Node.js, and creating dynamic user interfaces with React.
- Innovative Tagging System Implementation:** I took the initiative to suggest and implement a tagging system within the status cards, setting the application apart. This feature enabled users to categorize their contacts and easily retrieve status updates related to specific keywords, simplifying the process of categorization and conversation searches. My creative contribution earned me a **Gold Badge** for exceptional performance during the internship.

## PROJECTS

### Natours - Tour Booking API | NodeJS, MongoDB, Pug, Stripe

Aug 2023

- Implemented a powerful RESTful API with advanced features like filtering, sorting, and pagination, optimizing performance with MongoDB's geospatial queries and aggregation pipeline.
- Integrated secure credit card payment processing with Stripe and implemented file uploading and image processing functionalities. Additionally, incorporated features like sending password reset emails and welcoming emails using Node Mailer.

### Real Time Chatting App | NodeJS, ReactJS, MongoDB

May 2023

- Created a Real Time Chatting Web Application using NodeJS, MongoDB and ReactJS enabling users to engage in instant one-on-one and group conversations.
- Implemented Socket.io for seamless real-time messaging and integrated user authentication for enhanced security. App was deployed using Render.

### Alternative Medicine Recommendation System | Machine Learning

Working

- Building an easy-to-use medicine recommendation system that employs Machine learning Algorithms, specifically cosine similarity vector algorithms, to suggest alternative medicines based on medicine descriptions and reasons.
- This system addresses a common challenge faced by many individuals when deciding whether they can take specific medications as alternatively.

## TECHNICAL SKILLS

**Languages:** C++, C, Python, JavaScript

**Frameworks & Libraries:** NodeJS, Express, Machine Learning, Stripe, Node Mailer

**Databases:** SQL, MySQL, MongoDB

**Course Work:** OOPs, DSA, DBMS, Operating Systems, Computer Networks, Machine Learning

**Tools:** Git, GitHub and Version Control, File Uploading, Image Processing, Adobe Premiere Pro, Adobe Photoshop

**Non Technical Skills:** Problem Solving, Effective Time Management, Leadership, Graphics Designing, Video Editing

## POSITION OF RESPONSIBILITY

### SAE INDIA Collegiate club of NIT Durgapur

May 2023 – Present

#### Creative Head

#### Web Development and Graphics Designing

- Contributed to the **design and development** of the organization's website as part of a team of web developers.
- Overseen various **design projects**, including poster designing and video editing for events.

### TEDx NITDurgapur

May 2023 – Present

#### Senior Executive

#### Web Development and Graphics Designing

- Collaborated with a team of web developers in designing and developing the **organization's website**
- Managed **visual design initiatives**, including poster designing and video editing for the event.

## ACHIEVEMENTS

- solved **500+ problems** covering all levels and all topics on multiple platforms.
- ranked in the **top 1%** among **1.5 million candidates** in JEE Mains 2020.
- secured the **4th position** in South India in the Global Talent Search Acquisition exam.

## EXTRACURRICULAR ACTIVITIES

- actively participating in **Hackathons** to gain practical exposure and apply problem-solving skills in real world scenarios.
- enjoy reading/watching mythological stories from the **Ramayana and Mahabharata** in my free time.
- actively participated in organizing the annual college tech fest **AAROHAN** of NIT Durgapur and various other **technical events** on campus.