



## EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2024	B.TECH	IIT Kharagpur	7.82 / 10
2020	Class XII, APBIE	Sri Chaitanya Junior College, Vijayawada	9.69 / 10
2018	Class X, APBSE	Dr KKR's Gowtham School, Tanuku	9.8 / 10

## INTERNSHIPS

### NextJS Development Internship [June 2022 - August 2022]

- Built reusable components using NextJS/TailwindCSS, debugged the UI and improved UX of the company's website.
- Restructured and rewrote the codebase to align it with Atomic Design Principles and the Principles of Clean Code.
- Wrote documentation for every element and component using Storybook library.

### Algorithm Development Internship [June 2022 - August 2022]

- Wrote an Email Filtering Application with basic GUI which takes a sheet of emails and return a sheet of valid emails.
- Used email\_validation module for validating emails and PyQt5 Designer to create GUI for the application.
- Improved the efficiency by running parallel threads using concurrent.futures module.

## PROJECTS

### Uber Clone | Self Project [May 2022]

- Developed an Uber like frontend application with authentication using NextJS and TailwindCSS.
- Learned to create and implement custom styled components using TailwindCSS.
- Understood routing and Server Side Rendering of NextJS framework. Link: <https://github.com/darkwebber/uber-clone>

### Spotify Clone | Self Project [May 2022]

- Developed a music streaming full-stack web app resembling Spotify using ReactJS and NodeJS.
- Used SpotifyAPI to access its music library and implemented social login.
- Understood and Implemented React Hooks and Functional Components. Link: <https://github.com/darkwebber/Spotify-Clone>

### Zoom Clone | Self Project [May 2022]

- Developed a web app with the functionality of Video Conferencing and Chat Rooms using NodeJS and ExpressJS.
- Understood and used Web Sockets to enable a bidirectional connection between the user's browser and a server.Link: <https://github.com/darkwebber/Zoom-Clone>

### Online Classroom Control Using Computer Vision | Team Project [May 2021]

- Implemented facial detection and recognition using OpenCV and Mediapipe modules.
- Created GUI for the application using PyQt5 designer.

## SKILLS AND EXPERTISE

**Programming Languages:** C++, JavaScript, Python, TypeScript, C, C#, Elixir, MATLAB

**Frameworks and Libraries:** C++ STL, ExpressJs, ReactJs, NextJS, NodeJS, EJS, MongoDB, TailwindCSS, Storybook, JQuery, NumPy, OpenCV

## AWARDS AND ACHIEVEMENTS

**JEE Advanced:** Secured All India Rank of 1122 in JEE Advanced 2020(out of 1,72,000 candidates).

**JEE Mains:** Secured All India Rank of 865 in JEE Mains 2020(out of 12,00,000 candidates).

**KVPY SX:** Secured 634th rank in KVPY-2019 (SX) conducted by IISc, Bangalore(out of 1,00,000 candidates).

## CERTIFICATIONS

JavaScript(Intermediate) Certification [HackerRank] | Python (Basic) Certification [HackerRank] | C#(Basic) Certification [HackerRank] | Machine Learning [Coursera]

## COURSEWORK INFORMATION

**Computer Science:** Programming and Data Structures(Theory and Lab) | Algorithms

**Mathematics:** Linear Algebra | Probability and Statistics | Advanced Calculus

**MOOC's :** Machine Learning(Coursera), Web Development Bootcamp(Udemy)

## POSITIONS OF RESPONSIBILITY

General Secretary Social and Cultural ,Meghnad Saha Hall of Residence, Indian Institute of Technology Kharagpur [2022 - Present]