



## EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2023	B.TECH	IIT Kharagpur	8.80 / 10
2019	Board of Intermediate Education-AP	Sri Chaitanya Junior College	10 / 10
2017	Board of Secondary School Education-AP	Z.P.P High School	10 / 10

## INTERNSHIPS

Slice | Front End Developer, Back End Developer | Summer Intern - Bangalore, India [May'22 - Jul'22]

## PIL Service

- Developed a backend service responsible for storing users' personal data in **encrypted form** in the database.
- Service resulted in increasing **data privacy and security** of users and responsible for **tracking accessing** of user PII Information.
- Built the tool using TypeScript, Node JS, Express JS, Redis, and Mongo DB and deployed the service using AWS.
- Developed a **frontend UI** internal tool capable of doing CRUD Operations on PII data using **ReactJS**, Material UI, HTML, and CSS.
- Implemented features of G-Auth, **json to form display**, state management with redux, uuid generation and notification alert system.

## CKYC Service

- Collaborated, tested and deployed a separate service for **ckyc purposes**, used to obtain official user data from government servers.
- Service resulted in reduced load on FI's central code base and changes affected the entire 10M+ userbase.
- Tech stack involved **JavaScript, NodeJS, Express JS, MongoDB**, and used AWS for service deployment.

## COMPETITION/CONFERENCE

## Competitive Programming

- Google Coding Competitions : Secured **Global Rank 423** in Google **KickStart** Round - E 2022.
- CodeForces** : **Expert (Max Rating : 1736)** handle @sandeepkanna, among the top **5%** of the programmers on Codeforces.
- Secured Global Ranks of 354, 409, 724, 730, 735, 746, and 807 in different **Codeforces** rounds.
- AtCoder** : 5 Kyu (**Max Rating : 1036**) handle @profparadox, among the top **1%** of the programmers on AtCoder.
- Secured Global Ranks of 30, 134, 356, 384 in various CodeChef Rounds and Global Ranks of 748, 782, 913, 946 in different AtCoder rounds.

## AWARDS AND ACHIEVEMENTS

- Secured an **All India Rank of 1131** in IIT JEE Advanced among 2.45 lakh candidates.
- Secured a Percentile of 99.91 and an **All India Rank of 1114** in JEE Main among 1.2 million candidates.
- Achieved a rank of **390** in AP-EAMCET among 2.3 lakh candidates and a rank of **220** in TS-EAMCET among 2.1 lakh candidates.
- Secured an **All India Rank of 78** in VITEEE among 1.62 lakh candidates and Scored **406 out of 450** in BITSAT-2019.
- Recipient of **NMMS** (National Means & Merit Scholarship) held by Directorate of Education, Delhi in 2015.

## PROJECTS

E-Commerce Web Application | Full Stack Development | Self Project [Jul'22 - Aug'22]

- Developed a **web application** that helps customers to view, search, and order products by category and price range.
- Built using **NodeJS, ExpressJS** in backend, **MongoDB** as database, **ReactJS** in front end and deployed to the web using **Heroku CLI**.
- Implemented features of card checkout payment system, maintaining user profile, adding new categories of products by admin.

Hospital Management System | Self Project

[Mar'22 - Apr'22]

- Developed an **application for the hospital** staff and doctors to manage patients' details and give them appointments and prescriptions.
- Used **SQL** to make queries such as fetching patient lists, generating bills, and finding a relevant doctor who is free for an appointment.
- Developed the application with **ReactJS** in frontend, **Flask** in backend, and **MySQL** as a database and deployed it with **GitHub Pages**.

Placement Information Gathering System | Self Project

[Dec'21 - Jan'22]

- Built an **application to ease placement process** for students and establish better communication by integrating stakeholders involved.
- Incorporated key functionalities like In-App Notifications, Token authentication and Redux State Management.
- Developed the application using **ReactJS, Flask**, and **MySQL** and then deployed it with **Heroku CLI**.

Clever CNN | Self Project

[Apr'21 - May'21]

- Used Pytorch's CNN based **deep learning model** to improve accuracy upto **80%** in **expense Prediction**.
- Applied and compared various **regression algorithms** using cross validation in house **pricing** problem.

## SKILLS AND EXPERTISE

Programming Languages	:	Proficient in C / C++(STL), Familiar with JavaScript   TypeScript   Python   Java   HTML5   CSS3.
Libraries / Frameworks	:	React JS   Node JS   Express JS   Material UI   Bootstrap   Flask.
Software technologies / Platforms	:	Mongo DB   Firebase   MySQL   GitHub   Heroku.

## COURSEWORK INFORMATION

Programming and Data Structures | Algorithmic Toolbox | Object Oriented Programming | Computer Organization and Architecture | Systems Programming | Probability and Stochastic Processes | Matrix Algebra | Microcontrollers & Embedded Systems | Network Theory

## EXTRA CURRICULAR ACTIVITIES

- Secured **First Place** in **Chess** (Seniors Category) in The East Godavari District Secondary Schools Zonal Sports and Games Meet 2016-17.
- Secured **First place** in Mock Parliament & **2nd place** in Debating Competition held by EC India on the event of National Voter's Day 2017.
- Actively participated and member of **Bronze-winning team** in **Inter Hall Illumination Event (2019 - 20)**.
- Member of **National Sports Organization** : Promotes Health and Fitness to spread awareness towards healthy living (2019 - 21).