CHODA Y B V ANJANEYA | 21CS10020

COMPUTER SCIENCE & ENGG. (B.Tech 4Y)

EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2025	B.TECH	IIT Kharagpur	8.14 / 10
2021	Class XII, AP State Board	Bhashyam Junior College, Guntur	98.5%
2019	Class X, CBSE	Sri Sadineni Chowdaraiah Public School, Chilakaluripet	95.4%

PROJECTS

Online Bus Ticket Booking System | Course Project

Software Engineering Lab Course Project under Prof. Sourangshu Bhattacharya and Prof. Abir Das **[March 2023]**
- Developed a **Full Stack** web application using **MERN** framework that enables hassle-free bus ticket bookings.
- Incorporated functionality that enables users to register/login and book/cancel bus tickets, while admins can add/update bus schedules, and can also track bookings done by users.
- Developed web application with **NodeJS, ExpressJS** at the backend, **MongoDB** as cloud database, and **ReactJS** at the frontend along with **Material UI** and Redux State management which improved responsiveness of UI by 60%.
- Implemented effective authentication using **Bcrypt, Cors** middlewares for ExpressJS**.**
- Utilized **EmailJS** for email verification of users while undergoing the forget password feature.
Github link: [https://github.com/ybvanjaneya/APSRTC]

Portfolio Website | Self Project   **[June 2023]**
- Created a **Responsive React Portfolio** website from scratch, with multiple contact options.
- Designed and implemented a user-friendly interface that enables users to browse easily and learn more about me.
- Implemented frontend with **ReactJS** and **CSS,** utilized SwiperJS, and EmailJS to add Carousel and email contact.
Github link: [https://github.com/ybvanjaneya/Portfolio-Website]

AWARDS AND ACHIEVEMENTS

- Secured **All India Rank 1103** in **JEE Advanced 2021** (among top **0.75%** out of 0.15M+ candidates).
- Secured **99.779** percentile in **JEE Mains 2021** (among top **0.25%** out of 1M+ candidates).
- Secured **Rank** of **238** in **AP EAPCET 2021** (out of 0.15M+ candidates).
- Secured **Rank** of **241** in **TS EAMCET 2021** (out of 0.15M+ candidates).
- Represented my school and achieved **1st place** in **Balotsav Quiz Competition 2018**, a statewide event conducted by VVIT with participants from 500+ schools across Andhra Pradesh.

SKILLS AND EXPERTISE

- **Skills:** Competitive Programming, Data Structures and Algorithms, OOPs, Full Stack Development
- **Languages:** C++, C, Python, Java*, C#*, HTML, CSS*, JavaScript, bash*, gawk*
- **Libraries/Frameworks/Tools:** C++ STL, NodeJS, ExpressJS, ReactJS, Bootstrap*, Git*, gdb, Valgrind, VS Code
*Elementary Proficiency

COURSEWORK INFORMATION

Computer Science: Programming and Data Structures (Theory and Lab) | Algorithms- I (Theory and Lab) | Software Engineering (Theory and Lab) | Discrete Structures | Formal Language and Automata Theory | Systems Programming Laboratory | Switching Circuits and Logic Design(Theory and Lab)
Mathematics: Probability and Statistics | Linear Algebra, Numerical and Complex Analysis | Advanced Calculus | Theory of Operating Systems

EXTRA CURRICULAR ACTIVITIES

NSO Health and Fitness UNIT 3, IIT Kharagpur
- Actively participated, and coordinated in the activities organized, volunteered in the Vigilance Awareness Rally**.**
Member | IIT KGP AI Safety Initiative, IIT Kharagpur   **[March 2023- present]**
- Collaborated with fellow members and contributed to the Club's initiatives such as knowledge-sharing sessions, discussions, and analysis of articles on the ethical implications and potential risks of AI.
School Pupil Leader | Sri Sadineni Chowdaraiah Public School   **[June 2018-March 2019]**
- Led as the School Pupil Leader for 800+ students, played an instrumental role in maintaining discipline, fostering school spirit, and representing the student body in official school functions.
- Organized and coordinated school **Annual Day** Celebrations with more than 1500 participants, led **Independence Day** and **Republic Day** *parades* with around 200 students.
- Part of silver winning presentation team of Pandit Madan Mohan Malaviya Hall, Illumination, Diwali 2022.