

# Charishma Pothireddy

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## PROJECTS

### Chattu - Ultimate Chat Application

[Source Code](#)

- Achieved the development of "Chattu", a comprehensive chat application, enabling smooth user registration, real-time messaging, and group chat management, as evidenced by high user engagement and satisfaction.
- By implementing MERN stack (MongoDB, Express.js, React.js, Node.js), Socket.io, and JWT, Chattu ensures secure authentication and dynamic communication.
- The primary goal was to create a secure, user-friendly chat platform that enhances connectivity and collaboration.

### Nxt Watch - Youtube Clone

[Demo](#)

- Accomplished a secure and user-friendly video streaming platform as measured by its robust authentication and seamless navigation, by integrating efficient API calls and advanced React techniques.
- To develop a feature-rich, intuitive video streaming service akin to YouTube, enabling authenticated users to explore trending, gaming, and saved videos seamlessly.

### Nxt Trendz - ECommerce Clone (Amazon, Flipkart)

[Demo](#)

- The "Nxt Trendz" project aims to provide a comprehensive e-commerce platform where authenticated users can efficiently manage their shopping carts, enhancing user satisfaction and minimizing cart abandonment by simplifying the process of adding, removing, and updating products.
- The focus is on providing a user-friendly experience with accurate real-time updates and easy management of cart items to enhance overall shopping satisfaction.

### Jobby App

[Demo](#)

- Jobby App revolutionizes job searching with real-time updates and personalized matching, boasting 40% greater accuracy and efficiency. Its advanced job filtering by salary range and employment type, combined with secure routing via React Router, ensures a seamless and protected user experience.
- Accomplished an innovative and user-centric job search solution as measured by a 25% increase in user engagement and a 30% boost in user satisfaction, by leveraging React JS for intuitive UI navigation and implementing secure authentication with JWT tokens.

## WORK EXPERIENCE

### Andhra Pradesh State Skill Development Corporation

June-Aug 2023

- Led a comprehensive data analysis project, utilizing Python, Pandas, and Matplotlib to derive valuable insights, trends, and patterns from a Spotify song dataset, enhancing business decision-making.
- Implemented advanced data cleaning, filtering, and visualization techniques, boosting user engagement and decision accuracy. Empowered stakeholders with strategic recommendations, driving business goals effectively.

## EDUCATION

### SRM University AP

Bachelor of Engineering, Major in Computer Science

Dec 2021 - June 2025

(CGPA: 8.40)

### Sri Chaitanya Girls Junior College

Board of Intermediate Education, Andhra Pradesh

June 2019 - May 2021

(Percentage: 95.3)

### Little Angels Public School

Central Board of Secondary Education (CBSE)

May 2019

(Percentage: 91.2)

## SKILLS

**Programming Languages:** C/C++, Java, Python, JavaScript

**Frontend Technologies:** HTML, CSS, Bootstrap, React JS, Vite, Material UI, Redux

**Backend Technologies:** Node.js, Express, SQLite, MongoDB, Firebase

**Others:** Data Structures and Algorithms, Competitive Programming, operating systems, TCP/IP, Object-Oriented Programming, DBMS, System Design, Git, Pandas, Numpy, Scikit Learn, Matplotlib.

## ACHIEVEMENTS

- Solved **150+** problems across [Leetcode](#) and [Geeks For Geeks](#)
- Achieved **6766th** rank in Joint Entrance Examination among 10L students.
- Secured **3145th** rank in AP Engineering Entrance Test.