

CHARAN KUMAR VOONNA

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in Charan Kumar Voonna

🔗 Charan Kumar Voonna

Education

National Institute Of Technology Agartala

Bachelor of Technology in Electronics and Communication Engineering

2020 – 2024

CGPA - 8.76

TIRUMALA JUNIOR COLLEGE

Intermediate(XII) - BIEAP

2019 – 2020

CGPA - 9.69

Projects

Story Times [🔗](#) | Node.js, Express.js, MongoDB, HTML , CSS, E.JS

- Developed a user-authenticated blogging platform, enabling streamlined content creation and publication.
- Optimized platform management, leading to notable enhancements in user engagement and content quality.
- Integrated comprehensive CRUD operations, allowing users to efficiently manage their content from creation to deletion.
- Enhanced platform usability and content management capabilities, providing users with full control over their blog posts.

ToDo List app [🔗](#) | Node.js, Express.js, MongoDB, HTML , CSS, E.js

- Implemented a full-stack web application utilizing Mongoose, MongoDB, Express.js, Node.js, HTML, CSS, and JavaScript to support comprehensive CRUD (Create, Read, Update, Delete) functionalities.
- Efficiently managed task lists with multiple databases through URL routing for various locations.
- Implemented task creation, deletion upon completion, and seamless addition of new tasks.
- Demonstrated proficiency in tech stack and delivering a robust backend solution.

Bangalore House Price Prediction [🔗](#) | Python, Numpy, Pandas, Matplotlib

- Designed a predictive machine learning model to accurately forecast Bangalore house prices, aiding home buyers and real estate investors.
- Enabled informed decision-making for stakeholders by providing reliable price predictions based on comprehensive data analysis.
- Led the data preprocessing effort by cleaning and structuring data from multiple sources, improving model accuracy by 15% .
- Achieved a prediction accuracy of 90%, significantly aiding users in evaluating investment opportunities and market trends.

Technical Skills

Languages: Python, C++, JavaScript, SQL, Java.

Developer Tools: VS Code , Matlab.

CS Fundamentals: Data Structures and Algorithms, Object-Oriented Programming , Database Management Systems, Machine Learning.

Web Development: HTML, CSS, Bootstrap, ReactJS, NodeJS, ExpressJS, Mongodb, Mongoose, SpringBoot.

Technologies: GitHub, Git.

Achievement

- Secured top 2.2 percentile in JEE Mains 2020
- Secured Global Rank 552 out of 10K+ participants in Codechef Lunchtime [🔗](#)
- Presented Reconfigurable Antenna paper at 9th International Conference on Signal Processing and Communication in Noida, organized by Jaypee Institute of Information Technology. [🔗](#)
- Published a paper in the prestigious IEEE Xplore Digital Library. [🔗](#)

CODING PROFILES

- **Leetcode:** Solved 600+ Problems. [🔗](#)
- **Code Chef:** Highest rating (1677). [🔗](#)
- **Codeforces:** Highest rating(1165) [🔗](#)
- **Hackerrank:** charan. [🔗](#)

Certifications

- Python Basics (Coursera) [🔗](#)
- MATLAB Onramp(Mathworks) [🔗](#)