Sri Tejaswi Ganesh Challapalli

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Github: //ganesh10092003   **Portfolio**: cstganesh.vercel.app

EDUCATION

National Institute of Technology, Rourkela   Odisha, India
Bachelor of Technology - Mechanical Engineering; GPA: 8.56   *Sep 2021 - June 2025*
Courses: Data Structures, Analysis Of Algorithms, SQL ,Databases, Object Oriented Programming

SKILLS SUMMARY

- **Languages**:   C/C++, Python, SQL, JavaScript
- **Web Design**:   HTML, CSS
- **Technologies**:   ReactJS, TailwingCSS, NodeJS, Bootstrap
- **Libraries**:   NumPy, Pandas, SciKit, MatplotLib
- **Tools**:   VSCode, Git, MySQL, MS SQL Server, Figma
- **Soft Skills**:   Leadership, Event Management, Time Management

EXPERIENCE

Infinite Computer Solutions   Visakhapatnam
Machine Learning Intern (Full-time)   *May 2023 - July 2023*

- **Developed**: a robust understanding of Machine Learning Models and the use of SciKit library during my internship.
- **Accumulated practical, hands-on experience**: by actively participating in evaluating diverse machine learning models to determine the most fitting solution for our present use case, employing an analysis of their respective evaluation metrics.
- **troubleshooting**: Took an active role in troubleshooting activities and swiftly conveyed identified issues to the development team, contributing significantly to the overall quality of the model developed in Python and deployed on Flask web server.

PROJECTS

- **Personal Portfolio Website (JavaScript, ReactJS, TailwindCSS)**   Aug 2023 - Sept 2023
  - **Website|Github Repo**:
  - **Description** : This website constitutes a React-based **Portfolio website**, meticulously crafted with the aid of Figma, with the primary objective of presenting a curated compilation of experiences, projects, and skills, thereby offering a comprehensive and **visually engaging** representation of my professional portfolio.
  - **Components and Technologies** : The website is exclusively developed with **ReactJS** for the front-end design, leveraging the CSS framework,**TailwindCSS** to refine and optimize the visual interface. Notably, the user experience is elevated through the implementation of **scrolling animation effects**, facilitated by the integration of the **AOS React library**. This strategic use of AOS adds an additional layer of sophistication to the scrolling animations, contributing to a more dynamic and engaging presentation.
  - **Status**: The website development is **complete** and **fully functional**, ready to display all my skills.

- **Online Blood Donation Website (Figma, ReactJS, CSS, JavaScript)**   March 2023 - April 2023
  - **Website|Github Repo**:
  - **Description** : This website serves as a platform enabling patients to connect with both **blood donors and blood banks** during times of need. The website's design has been crafted using the design tool **Figma**. It stands as a solution aimed at reducing the incidence of fatalities arising from the unavailability of quality blood at critical moments.
  - **Components and Technologies** : By leveraging a robust technology stack comprising **ReactJS, Node.js, and MongoDB**, the website connects patients with blood donors and donation centers, fostering a secure and efficient platform for critical healthcare needs. With advanced features like real-time communication through **WebSockets** and health verification facilitated by integrated medical services, the website ensures a reliable and life-saving solution in the domain of blood donation and healthcare support
  - **Status**: The design of the website (in Figma), along with the front-end part of the registration page (in ReactJS) is **complete**.

ACHIEVEMENTS/AWARDS

2023	Attained a rank of 443 outperforming over 19,000 coders	Leetcode Weekly Contest 374
2023	Solved over 500+ DSA problems	Leetcode and GFG Practise
2022	Max Rating of 1664	CodeChef Contests (**3-star**)
2022	Secured 1047 rank outOff 1500	CodeChef Starters68 Division-2 Contest
2022	Achieved 1st Rank outOff 100+ students	CodeHunt, INNO'21, NITR

VOLUNTEER EXPERIENCE

- **Gultie Code Club – Lead DSA & WebDev**: We planned to support a group of students by offering batch-wise exam preparation, generating assignments, conducting mock interviews, and providing instruction in computer science fundamentals, data structures and algorithms (DSA) and web development.