CHALLAMSETTY VENKATA SAI

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OBJECTIVE

Technically skilled Computer Science student (CGPA 8.56/10) with expertise in front-end development, low-latency applications, and high-performance web solutions. Proficient in Java, C, C++, and SQL with experience in scalable web applications. Strong problem-solving skills, with a passion for optimizing UI performance and contributing to mission-critical projects.

EDUCATION

B. Tech in Computer Science, Sir C.R. Reddy College of Engineering, Eluru   **Expected 2025**
CGPA: 8.56/10   AP, India
Intermediate (MPC), Sri Chaithanya Junior College   **2019 - 2021**
Percentage: 93%   AP, India

SKILLS

Programming Languages	Java, C, C++, Python, SQL
Web Technologies	HTML, CSS, JavaScript, Typescript, Node.js, React Js
Frameworks/Libraries	Bootstrap, NumPy
Databases	MySQL
Developer Tools	Git/GitHub, Google Collab, VS Code, Eclipse
Academic Coursework	Data Structures,Object Oriented Programming,Machine Learning ,Cloud Computing
Certifications	Data Structures and Algorithms Using Java by NPTEL/ Structured Query Language Great Learning / Core Java Programming Language by Coursera.

EXPERIENCE

HDLC / **Web Development Intern** / **Remote**   **May 2023 - July 2023**
- Developed a Real Time Bank Transaction Application responsive and dynamic web applications using HTML, CSS, JavaScript, and Bootstrap, improving page responsiveness by 30%.
- Enhanced front-end interactivity and user engagement, leading to a 25% increase in website usability scores.
- Integrated REST APIs (Weather API, REST Countries API) to add real-time data functionality and improve application scalability.
- Developed essential soft skills in teamwork, communication, problem-solving, project management, adaptability, leadership, and a strong work ethic, contributing significantly to my professional growth. (Project Link)

EXCLR / **Cloud Computing Intern** / **Remote**   **April 2024 - July 2023**
- Gained foundational experience in cloud computing concepts and services.
- Assisted in basic cloud infrastructure setup and management.
- Learned about cloud security, storage, and networking fundamentals.

PROJECTS

Travel List App | *HTML,CSS,REACT JS*   (Project Link)
- Developed a feature-rich travel list management app with add, delete, and sort functionalities using React.js.
- Implemented state management and reusable components for seamless performance and a responsive UI.
- Enhanced user experience with dynamic sorting and interactive UI elements for efficient travel planning.

Online Movie App | *HTML,CSS,REACT JS,OMDB API*   (Project Link)
- Built a Movie App using React.js and integrated the OMDb API to dynamically fetch movie data with the useEffect hook.
- Implemented local storage persistence, allowing users to save and manage their movie list seamlessly.
- Designed and developed a real star rating component, enhancing user engagement with an interactive rating system.

Task Management App | *HTML, CSS,TYPESCRIPT*   (Project Link)
- Developed a highly interactive Task Management App using TypeScript to ensure type safety and scalability.
- Implemented CRUD functionality (Create, Read, Update, Delete), allowing users to efficiently add, edit, and delete tasks as needed.
- Optimized state management and component reusability, enhancing performance and user experience.

Bank Application Using Java   (Project Link)
- Developed a banking system in Java that enables users to deposit, withdraw, and check balance efficiently.
- Utilized OOP principles to ensure a modular and scalable design.

ACHIEVEMENTS

- Earned an NPTEL Silver Badge in Data Structures and Algorithms using Java, demonstrating strong problem-solving and algorithmic skills.
- Successfully solved 150+ problems on the Striver A2Z DSA Sheet, enhancing proficiency in competitive programming and data structures.
- Secured 1st place in a college-level coding competition, showcasing expertise in algorithm optimization and logical reasoning under time constraints.

INTERESTS

Problem Solving| Cloud Computing| Playing Cricket | Fitness