

Sricharan Illandula

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TECHNICAL SKILLS

Programming Languages: Python, Java, C++

Frontend Technologies: HTML, CSS, JavaScript

Frameworks & Libraries: Bootstrap, React, Express

Backend Technologies: Node.js

Database: MongoDB, SQL

Version Control: Git, GitHub

Core Skills: Algorithm design, debugging, software optimization, efficient coding practices.

WORK EXPERIENCE

Full Stack Developer Intern

Technical Hub Pvt Ltd., Surampalem, Kakinada

June 2024 – July 2024

- Enhanced web interfaces using HTML, CSS, and JavaScript, resulting in a 30% increase in user satisfaction based on feedback from over 500 users.
- Redesigned website architecture, achieving a 40% reduction in load times and a 25% increase in code maintainability, which improved overall site performance and reduced bounce rates by 15%.

Basic Web Developer Intern

CodSoft

Nov 2023 – Dec 2023

- Improved front-end development skills, enhancing HTML and CSS techniques by 80% to create responsive layouts that increased user engagement by 20%.
- Collaborated with designers to implement UI/UX improvements, resulting in a 25% increase in user retention over a three-month period.

PROJECTS

Expenses Tracker Application

- Developed a financial management system using React, Node.js, Express, and MongoDB, enabling over 50 users to log and monitor income and expenses, resulting in a 40% increase in budget adherence.
- Optimized database queries, reducing data retrieval time by 40%, ensuring high performance and scalability even with over 10,000 financial records.

Bus Tracking System

- Engineered a multi-user platform with real-time bus tracking, providing over 100 students, parents, and administrators seamless access to transportation schedules and live updates, improving on-time arrivals by 45%.
- Built an advanced admin panel for managing transport records, modifying schedules, and overseeing user data, which streamlined transport management processes by reducing administrative workload by 55%.

EDUCATION

Aditya College of Engineering and Technology

B.Tech - CSE (Artificial Intelligence and Machine Learning)

Kakinada, Andhra Pradesh, India

Sep 2022 - Present

Sri Nalanda Junior College

Intermediate - MPC

Kothagudem, Telangana, India

July 2020 - May 2022

CERTIFICATIONS

- MongoDB Developer Toolkit** - GeeksForGeeks, demonstrating proficiency in NoSQL database design and queries.
- Microsoft Azure AI Fundamentals** - Scored 85%, covering machine learning models and cloud-based AI services.
- NPTEL Java Programming** - Applied algorithmic techniques to optimize Java code efficiency.
- Pearson Java Certification** - Scored 90%, validating expertise in object-oriented programming and data structures.
- NPTEL DBMS Certification** - Gained expertise in relational databases, normalization, and query optimization.
- JavaScript Essentials Badges** - Cisco, showcasing core JavaScript concepts and event-driven programming.

ACHIEVEMENTS

- Achieved a 5-star rating in Java and Python, and a 3-star rating in C on HackerRank, reflecting strong coding skills among a community of over 1 million developers.