SANDALA NITHIN KUMAR

NELLORE, ANDHRA PRADESH

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EDUCATION

Rajeev Gandhi Memorial College Of Engineering, Nandyal   **2021 – 2025**
B.Tech - Computer Science and Engineering - **CGPA** *-* **7.0**   *Nandyal, Andhra Pradesh*

Narayana Junior College   **2019 – 2021**
MPC - **CGPA** *-* **7.5**   *Nellore, Andhra Pradesh*

Guthikondha Sreeramulu E M school   **2019**
10 th - **CGPA** *-* **8.5**   *Buchireddypalem, Andhra Pradesh*

EXPERIENCE

Sria Infotech Pvt. Ltd.   **March 2025 – Present**
Web Development Intern   *Myapur, Hyderabad*

- Developed, tested, debugged, and maintained responsive web applications using HTML, CSS, JavaScript, and React.
- Collaborated with backend and UI/UX teams to design and implement user-friendly, optimized features for client projects.
- Understood business requirements, raised clarifications, and prepared clear technical documentation.
- Prepared low-level design (LLD) components and implemented them as per requirement specifications.
- Used Git for version control and followed Agile methodology for sprint tasks and SDLC-aligned delivery.
- Participated in project meetings and technical discussions to build high-quality and cost-effective solutions.
- Took ownership of deliverables, met deadlines, and proactively resolved issues.
- Continuously upskilled in React, JavaScript, SQL, backend concepts, and real-time deployment practices.

PROJECTS

Lakshmi Function Hall ⬈ | Github

- The website appears to be developed as a modern Multiple Page Application (MPA) using React.jsx for component-based UI creation and JavaScript for dynamic interactions. Styling is likely implemented using Tailwind CSS, enabling a clean, responsive, and utility-first design across all screens. Smooth transitions, hero animations, and interactive elements suggest the use of Framer Motion to enhance the user experience. The project structure fits real-time application standards, with modular pages such as booking sections, galleries, and contact forms. On the backend, the system can be powered by Node.js and Express, providing API endpoints for bookings, inquiries, or user data handling. Overall, the application reflects a full-stack workflow combining React, Tailwind, animations, and a Node.js–Express server for real-time functionality.

Comparative Study of Supervised ML Algorithms for Heart Attack Prediction ⬈ | Academic Project

- This project presents a comparative study of supervised machine learning algorithms for predicting heart attacks using medical datasets. Leveraging PyCaret and Python, models like Naïve Bayes, Random Forest, Ridge Classifier, and LDA achieved the best accuracy (82.01) highlighting their reliability for early diagnosis. The work emphasizes the role of data preprocessing, feature selection, and performance metrics such as AUC, F1-score, and recall in improving model accuracy. Testing validated the model's applicability in healthcare settings, with strong support for real-time decision-making. Despite data challenges and computational complexities, the system proves effective in risk assessment. Future enhancements include real-time data integration, hyperparameter tuning, and mobile deployment for clinical use.

EMI CALCULATOR – Built using HTML, CSS, JavaScript ⬈ | Github | HTML, CSS, JavaScript, I

- An EMI (Equated Monthly Installment) Calculator is a web application that calculates monthly loan payments. It uses HTML, CSS, JavaScript, and Bootstrap to create a responsive and user-friendly interface. Users can input the loan amount, interest rate, and loan tenure through simple form fields. The EMI is calculated and displayed instantly as the user enters or updates the values. This tool helps users quickly estimate loan repayment amounts for better financial planning.

E-Commerce Website – Built using HTML, CSS, JavaScript, React ↗ | <u>Github</u> | <u>HTML, JavaScript, CS</u>

- A e Commerce website involves a combination of front-end and back-end technologies along with a database to manage products, users, orders, and payments.

- Building an eCommerce website combines modern web development techniques with secure payment integration to create a seamless shopping experience. It enhances skills in front-end, back-end, database management, and security, resulting in a functional, scalable platform.

TECHNICAL SKILLS

Languages: Java , SQL , Python , C , , Basics - Data Structure Algorith(DSA)
Technologies/Frameworks: HTML5 , CSS3 , Javascript , Tailwind css, React.js
Developer Tools: VS Code , IntelliJ , Canva , Turbo C , Online GDB

INTERESTS

- Coding in (online platforms)

- Solving Problems

- Enlightenment

CERTIFICATIONS

- Java Full Stack Developer
- C and Data Structure
- Backend Development
- Web-Development