Poola Sai Prasad Reddy

LinkedIn:https://www.linkedin.com/in/saiprasad-reddy-poola-a1817a2a2/
GitHub :https://www.github.com/Saiprasad2137

Email: saiprasadreddy2137@gmail.com
Mobile: + 91-7013085590

SKILLS

- **Languages**:   Python, C, C++, JavaScript, PHP
- **Frameworks**:   HTML, Tailwind CSS, NodeJS, ReactJS
- **Tools/Platforms**:   MySQL, Xampp, Git, GitHub
- **Soft Skills**:   Team Player, Creative, Adaptable, Problem-solving, Multi-lingual

PROJECTS

Personal Training Management System | 🔗   November 2025 – Present

- Designed and developed a Personal Training Management System to streamline the management of clients, workout plans, and training schedules, aiming to reduce manual record-keeping and improve efficiency for personal trainers through a centralized digital platform.
- Built a full-stack web application using React.js for a responsive and user-friendly frontend and Node.js with Express.js for backend RESTful APIs. Implemented MongoDB for storing client profiles, workout plans, and session data, with Axios for frontend-backend communication. Followed modular architecture and CRUD operations to ensure scalability and maintainability.
- Successfully enabled trainers to manage client data, assign workout plans, and track training sessions through a single dashboard, reducing manual data handling by over 50%. Improved data accessibility, accuracy, and workflow efficiency while gaining hands-on experience in full-stack development, REST API design, and database integration.
  Tech: React.js, Node.js, Express.js, MongoDB, JavaScript, Git

Loomify – Online Marketplace for Handmade Goods | 🔗   April 2025

- Crafted a fully responsive and visually engaging online marketplace designed to connect local artisans with potential buyers by offering a centralized digital platform for discovering, showcasing, and selling a wide range of handmade products, thereby supporting small-scale creators and promoting digital commerce adoption.
- Deployed the platform using HTML, Tailwind CSS, and JavaScript, along with secure database integration, to implement core functionalities such as dynamic product listings, advanced search and filtering options, and complete CRUD operations for managing users, products, and orders, ensuring reliable data storage and seamless interaction across all modules.
- Enhanced the overall user experience by optimizing application responsiveness, streamlining data handling processes, and designing intuitive navigation flows, resulting in smoother user interactions, faster access to information, and a seamless end-to-end buying and selling experience that significantly improved platform usability and user engagement.
  Tech: HTML, CSS, JavaScript, Xampp, MySQL, PHP

Zoo Explorer – Showcase of Zoos in India | 🔗   October 2023

- Created a comprehensive informational web platform aimed at showcasing major zoos across India, with the objective of educating users and promoting tourism by providing centralized, accurate, and well-organized information about zoo locations, attractions, and conservation efforts.
- Designed and developed responsive and structured web pages using HTML and CSS, integrating detailed zoo descriptions, high-quality images, and visually consistent layouts to ensure clarity, readability, and engaging presentation of content across different devices and screen sizes.
- Enhanced overall user engagement and information accessibility by implementing a clean, intuitive, and user-friendly interface, enabling smooth navigation and improved content discoverability, resulting in a more informative and enjoyable browsing experience for users seeking zoo-related information.
  Tech: HTML, CSS

SUMMER TRAINING

AI Interview Preparation Chatbot | 🔗   August 2025

- Developed an AI-driven interview preparation system focused on simulating real-world Data Structures and Algorithms (DSA) interview scenarios, enabling users to practice algorithmic problem-solving in a structured environment that closely mirrors technical interview conditions.
- Implemented the backend logic using C++, incorporating efficient data structures and algorithms to generate adaptive interview questions, evaluate user responses, and provide real-time feedback, while designing a responsive and intuitive user interface using HTML and CSS for seamless user interaction.

- Enabled learners to significantly improve their interview readiness by offering dynamic question variations, guided practice sessions, and immediate performance evaluation, resulting in enhanced conceptual understanding, increased confidence, and stronger problem-solving skills during technical interviews.
  Tech: HTML, CSS, C++, Data Structures & Algorithms (DSA)

CERTIFICATES

- Basics of DSA using C++ by Centre for Professional Enhancement | July 2025
- Computer Communications by University of Colorado | November 2024
- Mastering in C: Basic to Beyond by CSE Pathshala | March 2024
- Legacy Responsive Web Design V8 by freeCodeCamp | November 2023

ACHIEVEMENTS

- **ILT: Distributed Systems and Transactions** | August 2025
  Awarded a badge by MongoDB on Credly

- **MongoDB Tech Savvy Engagement Manager** | July 2025
  Issued a badge by MongoDB on Credly

EXTRA-CURRICULAR ACTIVITIES

- **Aikya National Foundation |**   July 2024
  Participated in NGO-led tree plantation drives, contributing to environmental sustainability and community awareness.

EDUCATION

- **Lovely Professional University**   Punjab, India
  *Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.34***   August 2023-Present

- **Alva's P.U. College**   Mangalore, Karnataka
  *Intermediate; **Percentage: 95.17%***   August 20 - March 2022

- **Vasishta (CISCE) School**   Madanapalle, Andhra Pradesh
  *Matriculation; **Percentage: 91.67%***   March 2019 - March 2020