Sathwik Chepyala

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LinkedIn / Github / Portfolio

Education

Sreenidhi Institute of Science and Technology — Hyderabad, India
Bachelor of Technology in Computer Engineering | 2019 – 2023 | GPA: 6.47

Narayana Junior College — Hyderabad, India
Intermediate | 2017 – 2019 | Percentage: 93.2%

Sachdeva School of Excellence — Ramagundam, India
SSC (X) | 2016 – 2017 | Percentage: 80%

Projects

FOOD RECIPE AND NUTRITION FINDER : *React.js, React Router, JavaScript, HTML, CSS, API Integration*

- Developed a food recipe web application using React.js with real-time search functionality and navigation via React Router, resulting in a 30% increase in user engagement.
- Integrated Edamam and USDA APIs, enabling access to 10,000+ recipes and comprehensive nutritional data to enhance user experience.
- Improved mobile responsiveness and page load performance by implementing adaptive design principles using Bootstrap, optimizing functionality across 5+ device types.

HOSPITAL WEBSITE : *React.js, Javascript, HTML, CSS,Node.js,Express.js,MySql*

- Built a full-stack hospital management platform supporting doctor availability updates and real-time appointment booking for 36+ daily patients.
- Integrated CRUD operations for patient management and optimized server response times.
- Designed intuitive user flows and interfaces with React, significantly improving the appointment scheduling experience for both doctors and patients.
- Implemented patient authentication with session-based login, ensuring secure access to appointment scheduling and Achieving a 99% login success rate for users.

Personal Portfolio : *React.js, javascript, HTML, CSS*

- Designed and launched a modern personal portfolio using react, showcasing 5+ projects, skills, and contact details with Smooth navigation.
- Implemented modern UI/UX principles with React components and optimized performance, ensuring a seamless user Experience across 2+ device types.

Skills

Languages: Java, JavaScript, C, Python, SQL
Web Development: HTML, CSS, React.js, Node.js, Express.js
Databases: MySQL
Framework: Bootstrap Framework, Tailwind CSS
Tools: Git, VSCode, Intellij, Postman
Coursework & Soft Skills: Data Structures and Algorithms (DSA), Object Oriented Programming(OOP), Operating System, Database Management System(DBMS), API Integration

Certifications

- AWS Academy Cloud Foundations- Gained comprehensive knowledge of AWS core services, global infrastructure, security, and pricing models.
- Completed a virtual internship on Process Mining conducted by AICTE, focusing on business process optimization, data-Driven process analysis, and checking to enhance operational efficiency.

Volunteer

National Service Scheme   Feb. 2019- Present

- Contributed to over 10+ community outreach programs under the National Service Scheme (NSS), actively supporting initiatives focused on education, healthcare, and environmental sustainability. Played a key role in event organization, volunteer mobilization, and awareness campaigns.
- Strengthened communication, teamwork by collaborating across diverse volunteer teams.