T SATHISH

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EDUCATION

Bachelor of Technology - Computer Science & Engineering 2022 – 2025
Madanapalle Institute of Technology and Science Madanapalle
8.3 CGPA

Diploma in Computer Engineering 2019 – 2022
Dr. Y C James Yen Government Polytechnic Kuppam
8.2 CGPA

PROFESSIONAL EXPERIENCE

Front-End Development Intern 06/2024 – 07/2024
Edunet Foundation – AICTE
- Worked independently on the front-end of a restaurant website with food ordering functionality using HTML, CSS, and JavaScript.
- Participated in masterclasses led by subject matter experts and solved real-world challenges.
- Enhanced employability and technical skills through project-based learning and mentor guidance.

Full-Stack Web Development Intern 02/2024 – 04/2024
EY Global Delivery Services, in collaboration with AICTE's Next Gen Employability Program
- Developed a bus reservation system using Python Django, enhanced booking efficiency
- Collaborated with a team to implement full-stack solutions, adhering to industry best practices.
- Developed practical skills and gained insights into industry best practices through immersive training sessions.

PROJECTS

PassXchange - Ticket Reselling App (Hybrid Application)
- Developing a hybrid application for Android, iOS, and web using React.js and React Native, with a focus on seamless and responsive user experience across all platforms.
- Utilizing Web3 and blockchain technologies to convert tickets into NFTs, ensuring secure and verifiable ownership of tickets.
- Addressing the issue of non-refundable tickets by providing a platform for users to resell their unused tickets, with the ability to transfer NFT ownership to buyers.
- Integrating external tools for secure and efficient payment processing, along with Tailwind CSS and NativeWind for styling. Actively contributing to the project's ongoing development and enhancement.

Exam Registration Portal & Hall Ticket Generation System
- Developed a comprehensive exam registration portal and hall ticket generation system for the college.
- Utilizing React.js for a dynamic and responsive frontend, with Node.js, Express, and MongoDB for robust backend functionality.
- Incorporating additional technologies including Redux for state management, Tailwind CSS for styling, and JWT for secure authentication.
- Enhancing operational efficiency by automating manual processes of hall ticket collection, verification, and distribution.
- Streamlining the process, resulting in increased efficiency and reduced errors.

E-Commerce Website Redesign (Frontend Focus)
- Redesigned the UI/UX of an e-commerce website using React, enhancing visual appeal and usability.
- Optimized user flow and navigation.
- Implemented responsive design techniques to ensure optimal viewing and functionality across all devices.

Online Student Attendance Management System (Full-stack)
- Collaborated with Dr. Y C James Yen Government Polytechnic to develop the system.
- Automated attendance tracking and report generation using HTML, CSS, and JavaScript for the front end.
- Implemented MySQL and PHP for the backend, reducing manual errors.

AI Chatbot for College Website
- Designed and deployed an AI Chatbot for the college website using Botpress; automated 60% of routine inquiries, decreasing administrative workload and improving student experience.
- Implemented features to provide instant and accurate responses to user queries by extracting information from the website's data.
- Collaborated with a team to conceptualize, design, and implement the project, resulting in a seamless interaction platform for website visitors.

SKILLS

Web Development
HTML, CSS, JavaScript, PHP

Databases
MongoDB, MySQL

Programming Languages
Python, Java, C & C++

Tools
VS Code, Git, Figma

Frameworks & Libraries
React JS, Django, Node JS, Express JS, Redux, Tailwind CSS, Bootstrap

CERTIFICATES

- Professional Certificate in Full Stack Developer(IBM)
- Programming in Python (Coursera)
- Cisco Certified Network Associate (CCNA)
- Microsoft Certified: Azure Data Engineer Associate
- Developing Front End Apps with React (IBM)

TRAINING

Cisco Certified Network Associate
- CCNA Certification in association with Cisco
- It is a 6 months training program focused on Networking
- Experienced in Switching, Routing, Troubleshooting etc., in the networks.

ACHIEVEMENTS

- 2nd Prize Winner, **Project Expo** for AI Chatbot Development.
- Co-authored a research paper on "**Gesture-Controlled Virtual Mouse using Media Pipe**," published in **IEEE Explore**.

EXTRACURRICULAR ACTIVITIES

- Member, **MITS Web Club**: Actively contributing since 2022.
- Engaged in Ideathons, Hackathons, GDSC & GDC, MLH HACK WEEKS, showcasing dedication to innovative projects.
- Actively involved in frontend development workshops and tutorials.
- Regular participant in local Software Development and Tech meetups, fostering industry connections and knowledge exchange.