MUDIGONDA THRINADH SAI ROHITH

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Github: https://github.com/99210041238/100daysofcode

INTERNSHIP   EXPERIENCE

Wissenaire.org`   **July − August 2023**

Web development Intern   *IIT Bhubaneshwar*

- Conducted thorough performance analysis of website, identifying areas for improvement and implementing strategic optimizations; resulted in 40% reduction in website loading times, enhancing user experience and increasing conversion rates.
- Implemented data-driven performance enhancements after conducting in-depth analysis, resulting in a 50% reduction in website loading times and a 15% increase in conversion rates. Played a pivotal role in the Project Code Development phase, contributing to a 40% reduction in development time anda 30% increase in overall project efficiency.
- Documented code and development processes, contributing to team knowledge and code maintainability..
- Spearheaded the Project Code Development phase, resulting in a 40% reduction in development time and a 30% increase in overall project efficiency, exceeding project goals and delivering ahead of schedule.
- Worked on bug fixing and troubleshooting, ensuring a smooth and error-free user experience

EDUCATION

Kalasalingam Academy of Research and Education   **Expected 2025**

Bachelor of Technology in Computer Science Engineering (AIML) —− CGPA : 8.75(VI Semester)   Krishnankoil, Tamil Nadu

Narayana Junior College   **2019 - 2022**

Senior Secondary (MPC) - Pre Engineering —− Grade : 86%   *BenzCircle, Vijayawada*

TECHNICAL SKILLS

Programming Languages: Java, Python

Problem Solving Skills, Data Structures And Algorithms(DSA)

Technologies/Frameworks: Machine Learning, Deep Learning, PyTorch Fundamentals, Computer Vision, NLP

DataBase Technologies : SQL

Data Visualization Tools : Power BI , Tableau

PROJECTS

1. **Online Voting System Project:**
   - Developed an Online Voting System to streamline the voting process, incorporating user registration, biometric verification, and party selection.
   - Implemented a secure user authentication system, ensuring a seamless experience for voters during login and registration.
   - Utilized advanced image recognition techniques for biometric verification through camera capture, enhancing user identity validation.
   - Integrated a real-time vote counting mechanism, automating the determination of the winning party based on the highest number of votes.

2. **Help Me! Emergency Alert System Project:**
   - Developed an Emergency Alert System to provide swift assistance in critical situations, allowing users to send alerts to specific services like police stations, fire departments, or ambulances.
   - Implemented a user-friendly registration process where individuals can register by providing personal details and selecting the desired emergency service.
   - Established real-time connections with emergency services using WebSocket communication, ensuring timely receipt of alerts and facilitating immediate response.
   - Incorporated location-based alerts, enabling users to share real-time location information.

3. Online Reviews Website:

- Spearheaded the development and successful launch of an intuitive Online Reviews Website, facilitating seamless sharing and access to reviews across diverse categories.
- Implemented robust security protocols, ensuring the confidentiality of user data and upholding the platform's integrity.
- Engineered a dynamic review submission system and integrated an advanced search and filtering mechanism, optimizing user experience.
- Leveraged data analytics to drive continuous improvements, resulting in heightened user engagement and bolstered website credibility.

PUBLICATIONS AND ACHIEVEMENTS

- Attained certification as a Microsoft Certified Azure AI Engineer, showcasing proficiency in implementing advanced AI solutions within the Azure framework.

- Successfully completed a comprehensive Web Development Certificate, demonstrating mastery in designing and developing dynamic and responsive web applications.

- Earned recognition for commitment and skill by completing the LeetCode 100 Days Challenge, showcasing dedication to continuous improvement in algorithmic problem-solving.

- Achieved distinction as a cash prize winner in a Kaggle competition focused on machine learning survey data analysis, highlighting analytical and problem-solving prowess.

- Demonstrated excellence by qualifying for participation in the esteemed Smart India Hackathon (SIH), reflecting innovative thinking and problem-solving acumen.

- Secured selection of a forward-thinking idea by Viksit Bharath@2047, underscoring creativity and alignment with future-focused initiatives.