Noel Sugandh Motupalli

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EDUCATION

SACRED HEART UNIVERSITY   **CONNECTICUT, USA**
Master of science (MS) in Computer Science | GPA: 4.00/4.00   08/2023 – 12/2024
MIZORAM UNIVESRITY   **AIZAWL, INDIA**
Bachelor Of Technology, Information Technology

TECHNICAL SKILLS

Programming Languages	React, HTML, CSS, JavaScript.

WORK EXPERIENCE

Sacred Heart University: Makerspace (IoT Developer)   **01/2024 – 12/2024 || CT, USA**
- Developed IoT prototypes using Arduino IDE and Raspberry Pi, demonstrating proficiency in programming hardware and integrating scalable solutions.
- Programmed and debugged complex automation workflows, enhancing reliability and scalability of STEM projects using Python and Scratch.
- Designed and optimized projects using GIMP, KiCad, and Fusion 360, improving project aesthetics and functionality for engineering applications.
- Facilitated team collaboration while hosting over five hands-on STEM workshops for 130+ participants, managing logistics, and inspiring participants to explore STEM technologies.

Uni Integrations (OPC) PVT Ltd, Bangalore (MuleSoft Developer)   **07/2020 – 05/2023 || KARNATAKA, INDIA**
- Certified MuleSoft Developer with hands-on experience designing and deploying RESTful APIs and integrating data systems using DataWeave and Mule connectors.
- Experienced in using MySQL for database design and queries.
- Familiarity with Agile methodologies, actively collaborating across teams to meet sprint goals and user story requirements.
- Hands-on experience with version control systems like Git, adhering to best practices for managing codebases.

PROJECTS

Chef Claude (Recipe Finder App)   **React Project**
- Developed a recipe finder app that allows users to input ingredients and receive tailored recipes, enhancing engagement with a responsive design.
- Implemented secure API calls to an AI-driven recipe service, ensuring accurate data retrieval and maintaining app reliability.
- Created an intuitive, user-friendly interface to facilitate seamless ingredient input and organized recipe display.
- Integrated real-time data fetching to provide instant recipe suggestions based on user input, optimizing app responsiveness.
- Ensured cross-platform compatibility by designing a responsive UI, providing optimal experience across multiple devices.
- Optimized the app's performance, by ensuring moving to generated recipe and smoother user interactions.

MEME Generator App   **React Project**
- Developed a meme generator app that allows users to create and customize memes by fetching images from an external API.
- Integrated secure API calls to ensure reliable and accurate retrieval of meme templates.
- Designed and implemented a streamlined interface to enhance user experience, allowing seamless meme text input and image customization and optimized real-time data fetching for faster image loading and improved app responsiveness.
- Ensured the app's functionality across multiple devices by maintaining cross-platform compatibility.

Tenzies   **React Project**
- Developed a Tenzies game app where users roll dice to match all numbers to a target value, with a focus on smooth gameplay and user interaction.
- Implemented a random number generator to simulate dice rolls and ensure fair, unpredictable game results.
- Designed an intuitive interface with clear visuals and simple controls to enhance the user experience.
- Ensured compatibility across multiple devices and screen sizes.