Chandu Thalati

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in Chandu Thalati

EDUCATION

- **Marist College**   Poughkeepsie, NY
  Master's in Information Technology   *Completed Dec 2024*
  - **GPA** 3.66/4.00

PROGRAMMING SKILLS

- **Frontend:** HTML, CSS, JavaScript, React, Three.js, @react-three/fiber
- **Backend:** Node.js, Firebase, Google APIs, JWT(JSON Web Token), Axios
- **Database:** MongoDB, MySQL, SQL
- **Other Tools and languages:** Python, Git, REST APIs

RELEVANT COURSEWORK AND PROJECTS

- **Projects**
  - **Restaurant App (Full Stack):** Designed and implemented a complete restaurant management application with dedicated customer and admin pages. The customer page includes features such as menu browsing, order placement, and real-time updates, while the admin page allows for menu management, order tracking, and analytics. Built using the MERN stack (MongoDB, Express, React, and Node.js).
  - **3D Web Application:** Developed an interactive 3D web application using React and Three.js, incorporating models, animations, and responsive design for optimal user experience across devices(Click to open): [**3D Web App**].
  - **Weather and Pokémon Apps:** Created weather and Pokémon search web apps to fetch and display API data in JSON format. Live projects hosted on GitHub (Click to open): [**Weather App**] and [**First 151 Pokémons**].
  - **Personal Portfolio:** Developed a personal portfolio website to showcase my projects and skills, live and hosted on GitHub. Explore it here: [**My Portfolio**]. This site highlights my work as a frontend-focused web developer with interactive and responsive designs.
  - **Netflix and Youtube Clone:** Developed a Netflix and Youtube-inspired web app with a dynamic card list, infinite scrolling, and API integration for fetching data. The project features React and modern UI/UX principles.
  - **Image Search Engine:** Created using an API to fetch and display relevant images dynamically based on user queries.

- **Capstone Project**
  - Designed Marist's Degree Works page and GPA calculator using Figma.
  - Worked on the database, back-end, and front-end of the web application.
  - Learned fundamental concepts and wrote code to simulate games of Table-tennis, Tennis, Volleyball and Racquetball using Python.

- **Team Project**
  - **Smart Automatic Light System:** Completed a brief course on IoT and implemented the project using Arduino and Raspberry Pi. The system reduces power consumption by turning the lights on when it detects something and goes off otherwise with a time interval.

EXPERIENCE

- **Telecommunications**   Poughkeepsie, NY
  Marist College   *May 2023 - Present*
  - **LAN Maintenance:** Maintained, inspected, and ran diagnostics for over 50 LAN rooms across Marist's 240-acre campus to ensure connectivity for faculty, staff, and students.
  - **Device Configuration:** Built and configured telecommunications devices, ensuring seamless connectivity and robust security measures.
  - **Network Switching:** Worked on network switching in LAN rooms to verify Power over Ethernet (PoE) functionality.
  - **Technical Support:** Addressed and resolved technical issues reported through the mainframe ticket system, including phone setups, cable re-terminations, and network troubleshooting.