REDNAM NAGA MADHAVI

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LinkedIn | GitHub | LeetCode | HackerRank | Portfolio

Education

Pragati Engineering College, Surampalem — 2022 − 2026
B.Tech in Computer Science (AI & ML) — CGPA: 8.99

Madhuri Junior College, Gollaprolu — 2020 − 2022
Intermediate (MPC) — Percentage: 96.4%

Technical Skills

Programming Languages: Java, Python, C, HTML, CSS, JavaScript, PHP
Frameworks/Libraries: React, Next.js, Node.js, Express, Bootstrap, Tailwind CSS
Databases: MongoDB, MySQL
Tools/Platforms: Git, GitHub, VS Code, Figma, Postman

Projects

Table Reservation App [GitHub] — MERN, Tailwind CSS
- Designed and developed a full-stack web application that allows customers to view real-time table availability and reserve tables at restaurants seamlessly.
- Created RESTful APIs using Express and connected them with MongoDB to manage bookings, tables, and user data efficiently.
- Styled the UI using Tailwind CSS to provide a modern, responsive, and mobile-friendly user interface.

Ecommerce Application [GitHub] — MERN, Tailwind CSS, JWT
- Developed a scalable ecommerce web app supporting product listings, cart functionality, wishlists, order placement, and user authentication.
- Integrated JWT-based authentication for secure login and user session management and also enabled category-based product filtering and search to enhance user experience.
- Built RESTful backend APIs using Express.js to handle orders, user profiles, and product management.
- Designed a clean and responsive UI using Tailwind CSS to ensure usability across devices.

Documentation App [GitHub] — React, Tailwind CSS
- Created a developer-centric documentation platform to organize tutorials, guides, and code examples in a structured format.
- Categorized content into sections such as frontend, backend, and tools for quick access and reference.
- Integrated interactive code snippets to enhance learning and engagement.
- Applied responsive design principles using Tailwind CSS to ensure accessibility on all screen sizes.

News Aggregation Application [GitHub] — React, Bootstrap
- Built a responsive web app that fetches and displays real-time news articles across various categories such as business, sports, and technology.
- Utilized the NewsAPI to retrieve the latest headlines and article metadata.
- Implemented features such as pagination, category-based filtering, and dynamic news updates for an enhanced reading experience.
- Styled the interface using Bootstrap to create a clean layout with quick navigation.

Certifications

Meta Front-End Developer – Coursera

IBM Developing Back-End Apps with Node.js and Express – Coursera

Data Science with Python – HarvardX

Introduction to Cybersecurity – Cisco Networking Academy

Frontend Developer (React) - HackerRank

Achievements

Achieved **5 stars in SQL and Java** and **4 stars in Python** on HackerRank, also earned **3 stars in C**, showcasing versatile programming skills.

Solved more than **260 coding problems** on LeetCode, enhancing problem solving abilities and expanding knowledge in data structures and algorithms.

Earned **Cloud Foundations** and **Cloud Architecting** badges as an **AWS Academy Graduate**, gaining practical insights into cloud infrastructure and deployment.