Sasidhar Jonna

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LinkedIn | GitHub | Leetcode | Portfolio

EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY(AMARAVATI), GUNTUR	**2021 - 2025**
B Tech (Bachelor of Technology)_Computer Science Engineering (CSE) (8.76 CGPA)	
Nxtwave Disruptive Technologies	**Oct 2021 - 2025**
Industry Ready Certification in Full-stack Development	
NARAYANA JUNIOR COLLEGE, NELLORE	**2019 - 2021**
Intermediate_MPC (93.6%)	
Sri Vivekananda high school, Buchireddypalem,Nellore	**2018 - 2019**
Secondary School Of Certificate (9.3 CGPA)	

SKILLS

Frontend: HTML, CSS, Bootstrap, JavaScript, React.js
Backend: Express, Node.js, Spring Boot
Databases: SQLite
Other skills: Data Structures & Algorithms, Express(node),Python
Java, OOPs, Agile methodology, RDBMS

EXPERIENCE

**Full-Stack Developer Intern	eGov Foundation** *(On-Site)*	**October 2024 - Present**

- Developing full-stack applications using React.js, Node.js, and Spring Boot.
- Upgraded Version of Digit from react17 to react 19 ,Node.js 14 → 20 and React Router v6
- Added accessibility Features to Digit ui-components
- Following Agile methodologies for efficient development.

PROJECTS

Digit-Frontend -Version Upgrade (Link) | eGov Foundation

- **Upgraded the frontend tech stack** (React 17 → 19, Node.js 14 → 20, React Router v6, @tanstack/react-query) to leverage modern features and improve maintainability, reducing future upgrade overhead by **40%**.
- **Migrated build system to Webpack**, resulting in a **30% improvement in bundle size** and **25% faster load time** in production builds.
- **Refactored 150+ components** to accommodate breaking changes and improve modularity, decreasing bug reports related to UI inconsistencies by **35%**.

Technologies used: React JS, JS, Routing, REST API Calls, Local Storage, JWT Token, Authorization, Authentication, Webpack

Accessibility Enhancement – DIGIT UI Components (Link) | eGov Foundation

- Contributed to improving **web accessibility** in **DIGIT (monorepo) UI components module**.
- Implemented **ARIA roles, keyboard navigation, and proper tab indexing** to enhance usability for all users.
- Ensured compliance with **WCAG accessibility standards**, improving the user experience for differently-abled users.

Technologies used: React JS, JS, Routing, REST API Calls, Local Storage, JWT Token, Authorization, Authentication, Webpack

NxtWatch (sasiproject035.ccbp.tech) | (Personal project)

Developed the NxtWatch platform, a YouTube-inspired application where users can access various video categories, such as Trending, Gaming, and Saved videos, and search for specific content while customising the visual theme.

- Crafted a responsive UI with React components for pages like Login, Home, Trending, Gaming, and Saved videos, utilising event handlers and form inputs.
- Established user authentication through username/password input and HTTP API calls, maintaining login state with JWT tokens and local storage.
- Enabled secure navigation using React Router components for protected routes, redirecting unauthenticated users to the login page.

Technologies used: React JS, JS, CSS, Bootstrap, Routing, REST API Calls, Local Storage, JWT Token, Authorization, Authentication

CERTIFICATES

INTRAINTECH:

Data Analytics LINK

HACKERRANK:

Python LINK

NXTWAVE:

React JS LINK

Node JS LINK

JavaScript Essentials LINK

Programming Foundations with Python LINK

Responsive Web Design using Flex box LINK

Introduction to DataBases LINK

ACHIEVEMENTS

Solved over 500+ LeetCode problems. LINK