Tejeswar Somarajupalli

B.Tech in Computer Science and Engineering
Indian Institute of Information Technology, Sri City
Undergraduate - Final Year

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 GitHub Profile
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EDUCATION

- **Indian Institute of Information Technology, Sri City** — *Expected 2025*
  B.Tech in Computer Science and Engineering — CGPA: 8.64/10

- **Narayana Junior College , Aravindh Nagar, Nellore** — *2021*
  Class XII — Percentage: **98.9%**

- **CourseWork**

  Object-Oriented Programming, Data Structures and Algorithms, Database Management System, MySQL, Full Stack Development, Computer Networks, Operating System, Virtual Reality Development.

PERSONAL PROJECTS

- **Frame Your Memories | ⊙ GitHub Link**
  Tools and Technologies used: *Reactjs , Nodejs, Express.js, MongoDB, RESTful APIs ,Redux,Git*

  – It is basically an onsite website that provide facilities for the customers in event organisations such as Weddings, Birthdays, Anniversaries, Farewells.
  – It contains three types of users: Customers, Business Man and Admin.
  – In a way, we provide quite a lot business for businessmen and required facilities for Customers.
  – Enacted JWT and Redux for secure authentication.
  – Utilized Git for version control, enhancing change tracking and team collaboration.

- **Military Base Management System**
  Tools and Technologies used: *mySql, OOPS concepts, Java*

  – The Military Logistics Management System – Department of defence Subsystem (MLMS – DOD SYS) is a system required for management and visualization of military assets in the field, designed for use by the Department of Defense.
  – The system is designed to connect with a large database of personnel, equipment items, vehicles, and consumables.
  – These entities are organized by a hierarchical military structure that can be viewed at a glance, giving commanders a visual summary of the statuses through a JAVA and SQL interface.

- **ShopNellore | ⊙ GitHub Link**
  Tools and Technologies used: *React.js, Tailwind CSS, React Context API, Node.js (backend)*

  – Developed a fully responsive e-commerce web application frontend with a modern UI using React and Tailwind CSS.
  – Integrated user authentication features such as login, registration, and profile management using React Context API.
  – Implemented advanced product search, filtering, and cart management with real-time updates and state persistence.
  – Used Axios to connect with backend APIs and provided toast notifications for real-time user feedback.
  – Built reusable components and structured pages such as Home, Login, Register, Product List, and Cart using React Router.

TECHNICAL SKILLS AND INTERESTS

Languages: C, Java, Javascript, SQL
Web Frameworks: HTML, CSS, Java Script , ReactJS, Express.js, Node.js.
Cloud/Databases: MongoDB, MySql
Tools: Power BI, Excel, Git, Github
Other: DSA, OOP

ACHIEVEMENTS AND CERTIFICATIONS

– Solved around 170+ problems on LeetCode and 140+ on GFG.
– Skilled in clear communication, team collaboration, and technical coordination.