# Tejeswar Somarajupalli

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

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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

- **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.

- **Covid-19 Data Analysis and Prediction System using Power BI and Excel| GitHub Link**
  ***Tools and Technologies used:*** *Excel, Power BI, Python*

  - Collected and transformed real-time datasets from Johns Hopkins University to analyze global and regional Covid-19 trends.
  - Developed two interactive Power BI dashboards: one for global statistics and another focused on India's state-wise data using Power BI and excel pivot tables.
  - Visualized key metrics including daily confirmed cases, recoveries, deaths, and regional spread to support datadriven insights.

## 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.