GOGUL A [Portfolio]

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[GitHub] — [LinkedIn] — [LeetCode]

Education

B.Tech in Information Technology, College of Engineering, Guindy – Anna University *2023–2027*
CGPA: 8.16 (upto 3rd Semester)

Skills

Languages & Technologies: C, C++, Python, JavaScript, TypeScript, SQL, HTML, CSS, Solidity
Frameworks & Libraries: React, React Native, Node.js, Express, Tailwind CSS, Gluestack UI, Electron, Ethers
Tools: Git, Postman, Expo, Docker, Figma, Vercel, Render
Operating Systems: Ubuntu (Primary), Kali, Windows, Tails
Soft Skills: Leadership, Team collaboration, Time management, Adaptability

Projects

Exitor *Language: C*
[GitHub]
A minimalist VI-like text editor built for the xv6 OS. Supports file editing, copy-paste, and includes a custom memory allocator via user-defined system calls.

Git Simulator *Tech Stack: React.js, C++, Crow*
[GitHub] — [Website]
Developed a real-time Git Graph Simulator using C++ and Crow. Visualizes commits, branches, and merges with dynamic updates and commit input handling.

Spare Parts Management System *Tech Stack: React.js, Node.js, Express.js, PostgreSQL*
[GitHub]
Web-based inventory system for spare parts with role-based access (User, Admin, Supplier). Built as a DBMS course project, includes stock tracking and order processing.

Supermarket Billing System *Tech Stack: React.js, Node.js, Express.js, MongoDB*
[GitHub]
A MERN-stack web application developed during a virtual internship. Manages inventory, processes sales, and auto-generates sales reports to enhance operational efficiency.

Achievements & Extra-Curriculars

- 1st Place – Service Design Jam by BNY Mellon, Kurukshetra'25
- Scored 82% in NPTEL – Python for Data Science
- ACM CEG Chapter – Junior Coordinator, Web & App Domain (2024–2025); Senior Coordinator (2025)
- CEG Tech Forum – Tech-ops Coordinator & Technical Team (2024–2025)
- Participated in Synthetix 3.0, VIT Chennai
- Volunteer in NSS – Unit 8
- [Letter of Appreciations]