

# GOGUL A ([Portfolio](#))

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## Education

**B.Tech in Information Technology, College of Engineering, Guindy – Anna University (2023–2027)**

CGPA: 8.16 (upto 3<sup>rd</sup> Semester)

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## Skills

Languages & Technologies: **C, C++, Python, JavaScript, 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**

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## Projects

### Editor [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 [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 [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 [GitHub](#)

A MERN-stack web application developed during a virtual internship. Manages inventory, processes sales, and auto-generates sales reports to enhance operational efficiency.

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## 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