

GAURAV POOSARLA

[PORTFOLIO](#) | [GITHUB](#) | [LINKEDIN](#) | [LEETCODE](#) | [EMAIL](#) | +918317261525

Education

Vellore Institute of Technology, Vellore, Tamil Nadu, India

2019 - 2023

- Bachelor of Technology (B.Tech) in Computer Science CGPA: 9.28/10

Skills

Languages: C++, Python, SQL, Javascript

Frameworks: ReactJS, NodeJS, ExpressJS, PostgreSQL

Developer Tools: Git, Docker, Jest, Tailwind CSS, Redis, Sequelize, RabbitMQ

Skills: Web Development, Data Structures and Algorithms

Work Experience

Samsung Electronics | Software Development Engineer

Aug' 23 - Present

- Part of **Fulfillment service** responsible for order fulfillment in [samsung.com](#).
- Developed **SpotSaver**, a parking reservation system for Samsung employees using Hapi.js and React, with email notifications via RabbitMQ.
- Optimized the **inventory status API**, reducing costs by **25%** through SQL query improvements.
- Optimized the inventory status API**, reducing multiple serviceability calls (each taking ~**3 seconds**) for a pin code with multiple SKUs to a **single call**, significantly improving performance and reducing response time.
- Implemented workflows for **product returns**, **cancellations**, and GST-saving **COGS reversal** for canceled orders.
- Implemented a **FIFO logic handler** for managing multiple crons targeting different order types (pre-orders, normal orders), ensuring pre-orders are always prioritized and processed first when they exist.
- Set up **unit testing** and coverage checks for core modules like order routing and inventory status.
- Built **SOAP mock service** for N-ERP and orchestrated partner integrations for end-to-end testing.

McKinsey & Company | Software Engineer Intern

Jan' 23 - Jul' 23

- Completed rigorous training in **web development**, covering essential topics such as **Git**, **Node.js**, **React.js**, and **Docker**.
- Developed an innovative **health interface** similar to the **Unified Payments Interface (UPI)**, facilitating seamless access and exchange of health records across various hospitals under the **Ayushman Bharat Digital Mission**.
- Took ownership of developing the complete **patient service** and implemented a **role-based authentication** system for doctors and administrators.

Projects

Sprint Planner [Codebase](#) | [Demo](#)

Jan' 23 - Mar' 23

A website built on ReactJS and ExpressJS where product owners give the required fields for the calculation of sprints.

- Contributed to a team project to enhance sprint planning and project efficiency for product owners.
- System generated **sprint plans** based on input, dividing stories and assigning developers across sprints.
- Implemented **list view**, **dependency graph**, and **Gantt chart** to provide various perspectives for sprint management.
- Supported both **manual and automated developer assignment**, ensuring flexibility in resource management.

Content Management System [Codebase](#) | [Demo](#)

Mar' 23

A website built on ReactJS and ExpressJS, it is an application used to manage different types of web content.

- Completed the project in **36 hours**, implementing both **frontend and backend** from provided UI and requirements.
- Designed a user-friendly **content management interface** for non-technical users.
- Developed **dynamic table handling** to simplify content management.
- Dockerized** the codebase, including authentication and backend services, for streamlined deployment and scalability.

Academic and Extracurricular Achievements

- Solved 400+ problems on Leetcode, with the highest contest rating of 1712.
- Won coding contest conducted by Codechef during Devspace'21 Hackathon in VIT Vellore.
- Got 2nd position in Lingua-Fiesta in Spanish Dictation competition organized by VIT Vellore.
- Merit scholarship** holder for being in top **5%** students 2 times in a row.
- Got selected as a contributor in GirlsScript winter of documentation, submitted PRs on Deep Learning topic.