Sampanna Nampalli

 GitHub | LinkedIn | Portfolio | ✉ sampannanampalli11@gmail.com | ▮ +91 9579642050

CAREER OBJECTIVE

Computer Science undergraduate with strong foundations in DSA and full-stack development, focused on building scalable systems and high-impact software products.

EDUCATION

2023 - 2027	Bachelor's Degree in Computer Science and Engineering at at **N. K. Orchid College of Engg. and Tech., Solapur** (Affiliated to **DBATU**, Lonere, Raigad, Maharashtra)	(GPA: 8.7/10.0)
2018 - 2020	Class 12th at **Johnson Grammar School (ISC), Hyderabad**	(GPA: 8.5/10.0)

SKILLS

Languages	Java, Python, C, JavaScript, SQL, TypeScript
Frameworks & Libraries	Flask, React, Node.js, Next.js, Express.js, WebSockets
Database/Tools	SQLite, PostgreSQL, MongoDB, Git, GitHub, Postman, NeonDB
Relevant Coursework	Operating Systems, Object Oriented Programming, DBMS
Coding Profiles	LeetCode, CodeForces, CodeChef

PROJECTS

Stock Trading Simulator   Link to Demo

—Python, Flask, Jinja, Flask-Session, SQLite, PostgreSQL, Bootstrap

- Built a **full-stack stock trading simulator** enabling real-time stock quotes, buy/sell execution, and portfolio tracking using Flask
- Built a hashed-password login/logout flow with Flask-Session server-side sessions, gating all portfolio and trading routes via a login-required decorator tied to the session user ID.

Excalidraw Clone   Link to Demo

—Next.js, React, TypeScript, Tailwind CSS, Recoil, RoughJS

- Designed and implemented a real-time collaborative drawing application using WebSockets, enabling multiple users to concurrently create, update, and delete canvas elements while maintaining a consistent shared state across clients
- Achieved low-latency collaboration with reliable state synchronization, supporting seamless multi-user interactions and demonstrating scalable real-time system design

ACHIEVEMENTS

- Won **4 national-level prizes** (1 aptitude, 1 algorithmic coding, 2 technical quizzes), competing among **500+ participants per event**
- Ranked **Top 5 out of 750+** learners in *Fundamental Algorithms: Design and Analysis* (IIT Kharagpur, NPTEL) course with **97% score**