

Sampanna Nampalli

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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) [See Transcript]	(GPA: 8.7/10.0)
2018 - 2020	Class 12 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
Coding Profiles	LeetCode, CodeForces , CodeChef

PROJECTS

Stock Trading Simulator	Link to Demo
—Python, Flask, Jinja, Flask-Session, SQLite, PostgreSQL, Bootstrap	
<ul style="list-style-type: none">• 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	
<ul style="list-style-type: none">• 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** [[Link](#)]
- Ranked **Top 5 out of 750+** learners in *Fundamental Algorithms: Design and Analysis* (IIT Kharagpur, NPTEL) course with **97% score** [[Link](#)]

CERTIFICATIONS

- NPTEL: Algorithms, Object Oriented Programming, DBMS