



Chinmayee Sankaran

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Profile

AI-driven Computer Science undergraduate with hands-on experience in data analytics, prompt engineering, UI/UX, and cybersecurity. Completed multiple industry-grade virtual simulations with Tata, Lloyds, Accenture, and Datacom, and developed end-to-end academic projects using AI-integrated solutions. Published an IEEE paper on secure ASCII-based communication systems. Actively seeking short-term virtual internships to build real-world, portfolio-ready work.

Education

- 10th grade**, *Podar International School, Powai* Mumbai, India
CBSE Board: 93.4%
- 12th grade**, *R N Podar International School, Powai* Mumbai India
CBSE Board: 80.4%
- B.TECH Computer Science Engineering (2nd Year)**, Chennai, Tamil Nadu
S R M Institute of Science and Technology
GPA: 9.05

Skills

Tech Stack

Python · C/C++ · Canva · Prompt Engineering/AI Tools ·
ReactJS/Front-end basics

Soft Skills

Analytical Thinking · Problem Solving · Communication ·
Team Collaboration

Projects

TRICODE ARTGEN | Three Layer ASCII Art Generation and Encryption System

Tech: React.js, JavaScript (ES6+), Flask (Python), MySQL, CSS3

- Developed a secure multi-layer text communication system using ASCII art encoding with fragile watermark protection.
- Designed full UI flows in ReactJS and integrated backend APIs for secure message handling.
- Research accepted for publication at IEEE, demonstrating rigorous security design.

LifeLine Meds | Family Healthcare App (UI/UX + Analytics)

Tech: React.js, JavaScript, Node.js, UI Prototyping

Demo: [lifeline-meds-copy-4b753bc2 \[dot\] base44 \[dot\] app](#)

- Designed responsive interfaces for medicine lookup, health tracking, and family profiles.
- Created interactive components to enhance usability and visual data representation.

- Structured backend outline for future data analytics and AI-based recommendations.

Virtual Job Simulations (Forage)

Lloyds Banking Group — UX Design

- Conducted competitor research and user feedback analysis
- Designed survey insights and user-journey improvements
- Built data-driven UX recommendations supported by visualization

Tata Group — Data Analytics

- Performed EDA using GenAI tools
- Proposed a no-code predictive model framework
- Designed AI-powered collections strategy with compliance considerations

Datacom — Partnering with AI

- Used GenAI tools for writing, debugging, and problem-solving
- Prepared client-ready documents and UI ideas

Tata — Cybersecurity Security Analyst

- Assessed IAM strategies and security risks, identified vulnerabilities, & proposed mitigation frameworks.
- Produced threat model analyses under best-practice cybersecurity principles.

Experience

Graphic Designer — CodeZilla (Technical Club at SRMIST)

- Created 7+ posters - Posted on CodeZilla official Instagram page as **stories** for festive dates and national dates
- Created 5+ Even banners - Posted on CodeZilla official Instagram page as **posts** for recruitment announcement and club organized event notification

Graphic Designer — Campus Life (Cultural Community at SRMIST)

- Created 6 posters - Posted on Campus Life official Instagram page as **stories** for festive dates and college organized cultural events

Certificates

Java (Basic) — HackerRank (2025)

Python (Basic) — HackerRank (2025)

Python [3 week course] — GeeksforGeeks (2025)

Operating Systems Basics — Cisco Networking Academy (2025)

Languages

Tamil (Native), English (Fluent), Hindi (Fluent), Marathi (Fluent), German (Basic)

Publications

TRICODE ARTGEN - Three Layer ASCII Art Generation and Encryption System, IEEE (*Accepted, Yet to be published*)
(2nd Year)

Interests

Sketching, UI Design, Gaming, Music