TUSHAR **NANKANI**

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EDUCATION

Bachelor of Engineering — Computer Engineering [2019 – 2023]
Thadomal Shahani Engineering College
Mumbai, India
CGPA — **9.5 / 10.0**

LINKS

Blog: blog.tusharnankani.com
Talks: talks.tusharnankani.com
GitHub: tusharnankani
LinkedIn: tusharnankani
Medium: tusharnankani
Behance: tusharnankani

SKILLS

PROGRAMMING
Comfortable:
C/C++ • Python • JavaScript • React.js •
SCSS • Node.js (Express.js) • Git • GitHub
Figma

Versed:
Next.js • Django • PHP • MySQL • Java
Firebase • Adobe XD

OTHER SKILLS
Competitive Programming
Problem Solving
Public Speaking
Leadership
Strategic Thinking

ACHIEVEMENTS

• **Principal's Award of Excellence –** for the engineering batch of 2019-2023.
• **Leadership Award –** for leading organisations (GDSC TSEC and CodeCell)
• **Winner –** MumbaiHacks, Cybersecurity Track (Among 100+ teams)
• **Winner –** JPMC's first PTT (Post Trade Tech), in-house CIB Hackathon (among 10+ teams)
• **Winner –** Project Expo, E-Cell (Across an intra-college competition)
• **First Runner Up –** Rubix 2022 Hackathon, CSI TSEC (Among 85+ teams)
• **First Runner Up –** JPMC's Code For Good Hackathon (Among 100 teams)
• **First Runner Up –** Prakalp, Crescendo at Fr. CR College of Engineering (Among 50+ teams)
• **Winner –** UI/UX Competition, IETE TSEC

EXPERIENCE

Software Engineering Intern | J.P. Morgan Chase & Co.
JUNE 2022 – JULY2022
• Built a multi-page application interface for an internal tool of CIB (Corporate & Investment Banking) operations; migrating the tool from Ext JS to React.js.
• Utilised the internal JPMC's UI Toolkit. Effectively communicated project specifications with the UI team of four and the product team of 15.

IT Intern | Nestlé
NOV 2021 – DEC 2021
• Worked with the project – SAP Config (finding evidences) under the IT department.
• Coordinated weekly with the project mentor & Senior IT Lead.

Web Developer | Webtech. Digital Solutions
JUNE 2021 – JULY 2021
• Created functional and meaningful SSR web applications for clients of the firm.

PROJECTS

ScanRE | GitHub, YouTube
• Built a Static Code Analysis Toolkit for Vulnerability Detection, Analysis and Mitigation.
• Implemented DeepScan that scans the primary dependencies of the codebase.
• Integrated GPT-4 API for vulnerability mitigation suggestion and severity tracking.

Aankh | GitHub, Documentation
• Designed and built an ML based automated proctoring system to create online tests including features like face verification, multiple people detection and multi-tab check.
• Easy integration with Google Forms. Blocks the exam as safeguard against malpractice. Implemented accessible admin dashboard to monitor user warning logs and statistics.

Blurrit | GitHub, Web Store
• Built and deployed a web extension to blur your private data on WhatsApp Web.
• Maintains a user base 50+ daily active users and has features like un-blur on hover.

WhatsApp Chat Data Analysis | GitHub, Article
• An exhaustive exploratory data analysis on a WhatsApp group chat providing various insights and trends (including user activity, sleep schedule, most used phrases/emojis).

Swadeshi | GitHub, Live Demo
• Built an SSR web application for farmers and wholesalers to participate in a centralized commodity exchange market to avail the best deals and profits.
• Worked on the frontend — built multiple pages and a dashboard for ease of use and accessibility (a11y), along with multi-lingual support for language barriers in India.

Binary Tree Visualizer | GitHub
• Implemented a Binary Tree Visualizer, using Computer Graphics libraries in C**.**
• Displays a customized binary tree along with three types of tree traversals.

COMMUNITY WORK

Lead | Google Developers Students Club (GDSC TSEC)
JULY 2021 – JULY 2022
• Organized and facilitated 18+ sessions and workshops with 850+ participants.
• Led a developer community - GDSC TSEC consisting of 545+ members (162% inc.)
• Delivered a talk on Fundamental Design Principles at UXplore impacting over 80 folks.
• One of the 350 leaders selected out of 10,000 pan-India applicants.

Lead | TSEC CodeCell
JULY 2020 – FEB 2023
• Organized 3 flagship hackathons TSEC Hacks '21, '22 & '23 and conducted 3+ mini events, coding competitions and 6+ workshops and sessions for topics like CP and Git.
• Delivered a talk on Dive Into Code impacting over 80 people.
• Designed and set problems for weekly coding challenges for 12 consecutive weeks.
• Co-ordinated with over 30 senior and junior committee members.