

TUSHAR SAINI

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EDUCATION

Netaji Subhas University of Technology, Delhi
Bachelor of Technology - Mechanical Engineering
Delhi Public School, Dwarka, Delhi
Senior Secondary - 91%

August 2023 - July 2027

April 2019 - April 2023

TECHNICAL SKILLS

- **Languages:** C++, JavaScript (ES6+), Python, SQL
- **Web Technologies:** HTML5, CSS3, React.js, Next.js, Node.js, Express.js, MongoDB, MySQL, Tailwind CSS, Bootstrap 5
- **Tools & Concepts:** Git, GitHub, VS Code, Jupyter Notebook, Supervised Machine Learning (Regression, Classification)

PROFESSIONAL EXPERIENCE

Software Engineer Intern, Tern Computer Inc., USA

August 2025 - October 2025

- Programmed and optimized responsive web components using React.js, Next.js, Tailwind CSS, and Shadcn/UI, ensuring scalability and consistent UI/UX.
- Contributed to a monorepo codebase using Nx and Husky pre-commit hooks, improved project structure, modularity, and code maintainability.
- Improved subscription and payment plan workflows, including pricing plans automation and UI fixes, enhancing customer experience.
- Collaborated in an agile team of 6-7 developers, using Jira, Git, pull requests, and CI/CD pipelines to deliver production-ready features.

Web Development Training & Internship, InternIQ

May 2024 - July 2024

- Built and styled a social media website with a user-friendly UI.
- Gained practical experience in responsive web design and cross-browser compatibility.

PROJECTS

Calmly: Mental Health Full Stack Web Application | *Next.js, TypeScript, Tailwind CSS, Firebase*

- Built a stigma-free mental health platform for college students with structured self-assessment and counseling support.
- Integrated an AI-assisted mental health assessment to classify student well-being levels and guide support recommendations.
- Developed a secure appointment booking system for scheduling sessions with on-campus professors/counselors.
- Created data-driven dashboards to monitor anonymized student well-being insights.

Stock Trading: Full Stack Web Application | *JavaScript, React.js, MongoDB, NodeJS*

- Developed a full-stack trading platform with real-time stock data using external APIs.
- Integrated user portfolio management and buy/sell functionality.
- Engineered responsive frontend using React.js with dynamic data visualization.
- Planned MongoDB database schema for user data and transaction history.

POSITIONS OF RESPONSIBILITY

Coordinator, Sponsorship Team | *Moksha, Annual Cultural Fest of NSUT*

- Negotiated and secured a ₹35,000 sponsorship deal from 'Unity Group' Company.
- Mentored a team of 4 members and spearheaded sponsorship outreach as coordinator for Moksha'25.

Senior Executive Committee Member | *Clitch, Fashion Society of NSUT*

- Coordinated and onboarded 15+ fashion teams from various colleges for Rouge'25, a fashion show event.
- Oversaw event-day logistics and served as the point of contact for participating teams and judges.

CERTIFICATIONS AND INTERESTS

- **Career Essentials in Generative AI Course** - Microsoft
- **Supervised Machine Learning: Regression and Classification Course** - DeepLearning.AI
- **Full Stack Web Development Course** - Apna College
- **Sports & Activities:** Basketball, Football, Swimming, District-Level Taekwondo.
- **Other Interests:** Technical blogs, non-fiction books.