

TANUSHREE SARKAR

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[LinkedIn](#) — [GitHub](#)

EDUCATION

B.Tech, Computer Science and Engineering , Pranveer Singh Institute of Technology, Kanpur	2022–2026
CGPA: 7.5/10	
Intermediate , Bishop Westcott School, Kanpur	2020–2021
Score: 87.3%	
High School , Bishop Westcott School, Kanpur	2018–2019
Score: 78.6%	

PROJECTS

Uplifters.Net

[Live](#)

- Built a fully responsive donation and volunteer platform with **HTML5**, **CSS3**, and **JavaScript**, powered by a **Java** backend handling data persistence, authentication, and **RESTful API** services.
- Elevated UI with theme toggle, donation workflows, counters, navigation efficiency by 35%.
- Performed cross-browser, responsive, visual, and functional testing across mobile, tablet, and desktop using BrowserStack testing tools.

EventEase

[Live](#)

- Designed and deployed an advanced **Tableau** dashboard consolidating multi-source raw event data, highlighting performance KPIs, and surfacing sentiment-driven trends for management review.
- Configured **Google Sheets** as a live data source with sub-two-second refresh for real-time analytics.
- Enabled data-driven insights by designing multi-level drill-downs with contextual filters and tooltips, simplifying review of 500+ records.
- Streamlined a responsive UI, reducing reporting latency by 50% and enhancing management efficiency.

CRM Sales Pipeline

[Live](#)

- Built a **Spring Boot** backend exposing 30+ REST APIs for CRUD operations, validation, error handling, and Hibernate ORM integration.
- Added **Firebase Auth** with JWT; tested 500+ records via Postman; achieved good API coverage.
- Implemented analytics (age grouping, totals, multi-criteria search) using Spring Data JPA.
- Fortified DAO queries with indexing and caching; secured 40% faster fetch and maintained sub-100 ms responses validated by JMeter.

SKILLS

Languages: Java, Python, C, JavaScript

Web: HTML, CSS, SQL, NoSQL, Figma, Wix

Frameworks: Spring Boot, React, Node.js, Django, Express

Data Tools: Tableau, Power BI, Looker, BigQuery, TensorFlow

Cloud/DevOps & Testing: Firebase, AWS, GCP, Docker, Git, Postman, BrowserStack, JMeter, Selenium

Core Courses: DSA, OS, Web Dev, Cloud, Networking, System Design

Interests: Full-Stack Dev, Data Visualization, AI/ML, Cloud Computing (Beginner)

ACHIEVEMENTS

- **LeetCode:** Solved 220+ algorithmic problems; maintained 10 hrs/week DSA practice with emphasis on complexity analysis, system design, design patterns, and clean code
- Maintained a pace of 20+ problems per week, strengthening problem-solving skills and coding fluency.
- **HackerRank:** 5-Star in Java, Python, SQL, Algorithms; completed 250+ challenges

CERTIFICATIONS

- [Generative AI](#)
- [Gemini for Data Scientists](#)
- [Google Cloud Analytics](#)
- [JavaScript Specialist — HackerRank](#)
- [Software Engineer Intern — HackerRank](#)
- [Oracle Cloud Infrastructure 2025 Certified Generative AI Professional](#)
- [Microsoft Certified: Azure AI Fundamentals](#)
- [Oracle Certified Data Science Professional](#)