TANUSHREE SARKAR

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[LinkedIn](#) — [GitHub](#)

EDUCATION

B.Tech, Computer Science and Engineering, Pranveer Singh Institute of Technology, Kanpur **2022–2026**
CGPA: 7.52/9.5

Intermediate, Bishop Westcott School, Kanpur 2020–2021
Score: 77.2%

High School, Bishop Westcott School, Kanpur 2018–2019
Score: 75%

PROJECTS

Uplifters.Net

- Built a fully responsive donation and volunteer management platform using **HTML**, **CSS**, and **JavaScript**.
- Added a dark/light theme toggle, interactive donation cards, animated counters, and a gallery popup; improved simulated user navigation time by 35%.
- Reduced code duplication by 40%, and tested UI on mobile, tablet, and desktop screens.

EventEase

- Built an interactive dashboard in **Tableau** to analyze attendee registration, session ratings, and feedback trends.
- Integrated Google Sheets as a mock live data source for field-level updates; achieved simulated refresh latency under 2s.
- Enabled stakeholders to derive insights from 500+ data points using filters and visual drill-downs, identifying key trends in attendee engagement.

CRM Sales Pipeline — Vite Dashboard

- Developed a CRM backend in **Spring Boot** with 30+ REST APIs for managing customer data and field-specific updates.
- Integrated Firebase for authentication and tested with 500+ sample records.
- Enabled analytics: age-wise grouping, total count, and filtered search by name, age, email, and mobile number.
- Optimized DAO queries, reducing data fetch time by 40% and keeping average response under 100ms.

Hire-Light ATS Score

- Developed a resume parser and ATS score checker using **Python**, **Flask**, and **scikit-learn** to provide keyword-based feedback.
- Leveraged NLP techniques to extract key information and implemented keyword matching algorithms to benchmark resumes against job descriptions.
- Designed a user-friendly interface with **React** to display a compatibility score and actionable recommendations, leading to a 30% improvement in resume keyword density for users.

CERTIFICATIONS

Google Cloud Certified: Gemini for Data Scientist and Analyst   Google Cloud Analytics
Intro to Generative AI   JavaScript Specialist - HackerRank
HackerRank Software Engineer Intern Certificate   Microsoft Certified: Azure AI Fundamentals
Business Analysis & Process Management

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SKILLS

Languages: Java, Python, C, JavaScript
Web: HTML, CSS, RESTful APIs, SQL, NoSQL
Frameworks: Spring Boot, Node.js, Express, Django, Flask, React
Data Tools: Tableau, Power BI, Looker, BigQuery, Scikit-learn
Cloud/DevOps: Firebase, AWS, GCP, Docker, Git, Postman
Core Courses: DSA, OS, Web Dev, Cloud, TensorFlow
Interests: Full-Stack Dev, Data Visualization, AI/ML

ACHIEVEMENTS

- **LeetCode:** Solved 220+ problems with 10 hrs/week DSA practice, sharpening algorithmic thinking and coding fluency.

- **HackerRank:** 5-Star in Java, Python, SQL, Algorithms; solved 250+ challenges.