Tanishi Rai

Bachelor of Technology
Computer Science Engineering
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🌐 Portfolio

EDUCATION

- **Vellore Institute of Technology, Bhopal** — *2023-2027*
  BTech, CSE — CGPA: 8.81

- **Lucknow Public College, Lucknow** — *2022*
  ISC — Percentage: 93.25

- **Lucknow Public College, Lucknow** — *2020*
  ICSE — Percentage: 92.6

EXPERIENCE

- **Girlscript Summer of Code, Hacktoberfest and Social Winter of Code** — *Oct 2024*
  Open Source Contributor — Remote
  - Contributed to 7+ repositories, fixed 10+ issues and added features using React.js, Tailwind css.
  - Ranked 703 among 60,000+ participants (approx top 1.2% contributors) in the program.
  - Earned 10 badges for impactful open-source contributions.

- **Accenture North America Data Analytics and Visualization Job Simulation** — *Aug 2024*
  Data Analyst Simulation — Remote
  - Analyzed and modeled 7 datasets to uncover content insights as a Data Analyst at Accenture.
  - Presented findings through a 10-slide PowerPoint deck and a 3-minute video presentation.

PERSONAL PROJECTS

- **SplitUp - Simplifying Group Expenses** — *Dec 2024*
  Built a collaborative web-based finance tracker to help clubs, teams, and roommates manage shared expenses, defined group budgets, and tracked contributions and pending settlements.
  - Tools & technologies used: React.js, Tailwind CSS, Firebase Firestore, Chart.js, Vercel
  - Outcome: Enabled users to create up to 10 groups, log and split 50+ expenses per group, track debts with real-time updates, and visualize budgets through 2 types of charts — demonstrating skills in full-stack development, real-time database integration, and data visualization.

- **Firefox-Based Personal Finance Tracker** — *Dec 2024*
  Developed a user-friendly budget tracking Firefox extension that helped users manage personal finances, track expenses, and establish financial goals.
  - Tools & technologies used: HTML, CSS, JavaScript, Firebase (Authentication, Firestore)
  - Outcome: Enabled users to log and categorize 100+ expenses, configure up to 5 custom budgets, and gain insights into their monthly spending patterns — demonstrating proficiency in web development, Firebase integration, and secure data handling.

- **Portfolio** — *Nov 2024*
  Designed and developed a personal portfolio website showcasing skills, projects, and achievements.
  - Tools & technologies used: React.js, Tailwind CSS.
  - Outcome: Created a user-friendly and responsive platform, enhancing my web development expertise and improving visibility to recruiters.

TECHNICAL SKILLS AND INTERESTS

Languages: Python, C++, Java, HTML, CSS, JavaScript
Developer Tools: Git, GitHub, VS Code, Chrome DevTools, Vite, Firebase
Frameworks: React.js, Tailwind CSS
Cloud/Databases: Firebase Firestore, SQL
Soft Skills: Debugging and Issue Resolution, Team Collaboration, Clear Communication, Task Prioritization, Learning Agility, Attention to Detail, Data-Driven Decision Making
Coursework: Data Structures and Algorithms, Database Management Systems, Object-Oriented Programming, Digital Logic Design (DLD), Calculus, Engineering Mathematics
Areas of Interest: Web Development, Data Analytics, Open Source Contributions

POSITIONS OF RESPONSIBILITY

- **Technical Core Member,** Mozilla Firefox Club .... *2024 - Present*
- **Cultural Core Member,** Ganga Bhumi Club .... *2024 - Present*

ACHIEVEMENTS

- **Runner-Up** Secured 2nd place at Ideaforge, organized by Mozilla Firefox Club VIT Bhopal, for creating an innovative Firefox extension enhancing user experience. *Dec 2024*

- **Gold Medal** Awarded in Inter-school Dance Competition for outstanding performance and creativity in group choreography. *Jan 2019*

- Regularly ranked in the top 5 percent of the class, showcasing strong academic performance and commitment.