SARASWATI TIWARI

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EXPERIENCE

- **Deloitte - Analyst (Frontend Developer)**   **Dec 2024 - Present**
  - **Leaf-Home | HTML, CSS, JavaScript, React**
    Identified and resolved UI layout + styling defects for mobile and tablet views, improving design fidelity and multi-device rendering by +15%.
  - **Chevron | HTML, CSS, Tailwind, JavaScript, React**
    Debugged and resolved complex layout + responsiveness defects in a legacy React/Tailwind codebase, improving UI stability across screens of desktop (> 1020px), tab (600-1020px) and mobile(< 600px) form factors.
    Integrated backend API data pipelines into React components to enable real-time content delivery across multiple geographies.
    Collaborated with designers and backend teams to align UI behavior with system constraints and security requirements.
  - **Raytheon Technologies**
    Synthesized 100% of the Knowledge Transfer inputs into actionable reference material by mapping workflows, issues, and UI expectations to support development planning.

- **Suvidha Foundation - Suvidha Mahila Mandal** (Technical Content Writer Intern)   **May 2023**
  Researched and produced 20+ technical articles and learning content for digital platforms. Simplified complex concepts into accessible topics for non-technical audiences.

EDUCATION

National Institute of Technology, Jamshedpur   **2024**
Masters of Computer Applications

PROJECTS

- **Personal Portfolio | Live-link**
  - Designed and deployed a fully responsive personal portfolio showcasing live projects, contact integration, and custom UI animations. Optimized layout performance for mobile-first delivery, resulting in a 20-point increase in Google PageSpeed Insights score on mobile.

- **The green almirah | Python, FastAPI, PostgreSQL | Codebase | Live-Link**
  - Architected backend APIs for an e-commerce platform, including product catalog, authentication-ready structure, and CRUD operations. Designed PostgreSQL schemas and optimized query flows for performant data access. Launched using Render + auto-generated API docs.

- **Crypto Dashboard | React, Vite, JavaScript, CoinGecko API | Codebase | Live-Link**
  - Real-time crypto price tracker with dynamic charting, search, detail pages, and API-driven market data.

- **Womanias | HTML, CSS, Javascript | Codebase | Live-Link**
  - Interactive platform focusing on women's health education; built UI/UX architecture + feature modules. Executed on Vercel.

TECH STACK

- **Languages:** Python, JavaScript, C++
- **Frontend:** React, Tailwind, HTML, CSS
- **Backend:** FastAPI
- **Database:** PostgreSQL, MySQL
- **Tools:** Git, GitHub, VS Code

ACHIEVEMENTS & CERTIFICATION

- ★ NIMCET - **AIR 485** (2021)(A National level entrance test for admission in 11 NITs and many other renowned colleges)
- ★ Certification: **Machine Learning and Data Science program**
- ★ CodeWalkerz(Snap the Quest) - **AIR 2**

EXTRACURRICULAR

- **PG Head (Core Team) - FACES** (Fine Arts Society for Eng. Students, NIT Jamshedpur) **| 2023 - 2024**
  - Led core fine arts events + managed 30-80 sized teams. Coordinated execution for major cultural fests.
- **Content Writer - Go Green Club** (Official Environment Club, NIT Jamshedpur) **| 2022 - 2024**
- **Cultural Secretary (HEC) - Hostel B** (NIT Jamshedpur) **| 2022 - 2023**
  - Organized cultural events for 800-1000 student groups; boosted participation + engagement.