Soumya Das

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EDUCATION

Usha Mittal Institute Of Technology- *Bachelors in Information Technology*   *(November 2022 – 2026)*
CGPA: **8.94**

 R.N Podar School - *High School Graduate (2022)*   **10th Grade: 99.2%**   **12th Grade: 87.8%**

EXPERIENCE

Deutsche Bank – Summer Internship [Technology, Data & Innovation (TDI) Division]
June 2025– July 2025   (CSS, Angular, Node.js, Maven, Jenkins, Docker)
- Improved product UI performance and maintainability by refactoring legacy components and replacing outdated logging systems, enhancing usability and long term scalability.
- Collaborated with engineers to enhance incident tracking workflows through API optimization, frontend integration, and validation using Postman.
- Supported feature deployments using Jenkins and Maven, ensuring smooth releases across internal banking applications.
- Contributed to improving reliability and user experience through continuous testing and debugging.

PROJECTS

Hindi Numeral and Character Recognition System (*Flask, PyTorch, OpenCV, HTML/CSS/JS)*
- Built an end-to-end web application enabling real-time recognition of handwritten Hindi digits and characters.
- Designed responsive UI with strong focus on usability, performance and smooth user interaction.
- Integrated Flask backend with ML inference pipeline for fast request handling and real-time feedback.

Hospital Management System (*HTML, CSS, JavaScript, SQL)*
- Developed a database-backed web application to manage patient records, appointments, and hospital workflows
- Designed clean, user-friendly UI components to simplify data entry and retrieval for hospital staff.
- Implemented client-side validation and dynamic page updates to improve user experience and system reliability.

Diwali Sales Analysis Project (*Python, Pandas, Matplotlib, NumPy)*
- Analyzed customer purchase behavior and sales trends using real-world retail datasets.
- Built visual dashboards to present key business insights for improving customer experience and sales strategies.
- Translated raw data into actionable product insights through structured analysis and visualization

Bank Management System (*Python, SQL)*
- Designed a simple bank management system for storing customer records and transactions in the database.

COMPETITIONS

Quasar 2.0 Hackathon
- Built a Hospital Management System prototype under the field of MediTech

Eyantra Robotics Competition
- Worked as part of a team to learn robot design, programming, and simulation using Octave and CoppeliaSim.

LEADERSHIP EXPERIENCE & EXTRACURRICULARS

Computer Society of India – *Junior Council Member*
- Organized and attended technical events aimed at enhancing students' skills in the field of computer science.

National Service Scheme – *Volunteer*
- Led community service initiatives, for environmental awareness and social welfare, including drives and programs for underprivileged groups and old age homes.

Entrepreneurship Cell – *Representative*   **Writer's Club –** *Member*
- Actively participated in fests and events.

SKILLS/INTERESTS

Frontend / Web: HTML, CSS, JavaScript (Basics), Web Development
Tools & Backend / Systems: Docker, Git, Jenkins | Python, C++, SQL, APIs, Debugging, Testing
Development Practices: Code Reviews, Documentation, Agile Collaboration, UI Optimization
Core: Communication, Problem Solving, Teamwork, Time Management
Interests and Languages: Reading, Writing, Theatre | Fluent in English and Hindi
Open Source & Community: Actively exploring open-source contributions in developer tools and backend systems; interested in contributing to Appwrite's open-source ecosystem.