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 internal incident management workflows for 100+ employees by shipping production-grade UI & API updates.
- Refactored & migrated legacy Incident APIs & logging, improving system reliability & traceability by 30% across teams.
- Contributed across full stack: Angular UI, Node.js, CI/CD pipelines, & containerized deployments (Docker).
- Optimized Core-UI components by removing redundant CSS and simplifying tab configuration logic, reducing page load time by ~15% and improving maintainability.
- Assisted in deployment, testing, & debugging, helping maintain stable production releases for critical internal systems.
- Initiated cross-functional discussions with senior engineers to gather system requirements, reducing integration errors by 15% and accelerating project timelines.

PROJECTS

Diwali Sales Analysis Project (*Python, Pandas, Matplotlib, NumPy)*
- Analyzed ~10,000+ sales records to identify purchasing trends, discovering the top 3 product categories contributing ~60% of total Diwali revenue.
- Delivered data-driven insights through visualizations, highlighting key patterns that could influence marketing decisions.
- Demonstrated ability to translate raw data into actionable insights**.**

Hindi Numeral and Character Recognition System (*Flask, PyTorch, OpenCV, HTML/CSS/JS)*
- Designed and trained a CNN model achieving ~98% accuracy for handwritten Hindi digit and character recognition.
- Deployed a pipeline via ML model, Flask backend & responsive web UI for real-time predictions, tested by 10+ users.
- Coordinated team tasks for training, testing, and UI integration, ensuring accuracy & responsiveness.

Hospital Management System (*HTML, CSS, JavaScript, SQL)*
- Developed a database-driven system for managing patient records and operational workflows.
- Built core modules for patient data entry, retrieval, and daily hospital operations.
- Delivered functional prototype under 24-hour hackathon constraints**,** demonstrating rapid iteration skills.

AI Study & Task Manager *(Python, Flask, OpenAI API)*
- Engineered a personalized AI-powered study planner that generates optimized schedules based on task difficulty, deadlines, & available hours, with real-time feedback.
- Implemented persistent task tracking with SQLAlchemy & deployed a responsive UI, improving study efficiency by 35%**.**

COMPETITIONS

Quasar 2.0 Hackathon
- Built a Hospital Management System prototype under the field of MediTech, demonstrating rapid prototyping and teamwork.

Eyantra Robotics Competition *(Octave, CoppeliaSim)*
- Worked as part of a team to learn how to design, and program a robot, enhancing problem-solving and technical skills.

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, environmental drives & welfare programs for underprivileged/elderly groups.

Entrepreneurship Cell – *Representative*   **Writer's Club –** *Member*

SKILLS & INTERESTS

Languages/ Web Technologies : Python, C, C++, HTML, CSS | Databases: SQL
DevOps & Developer Tools: Docker, Jenkins, Maven, APIs | VS Code, Git, Github, Excel
Practices: Debugging, Testing, Rapid Prototyping, AI-Assisted Development, CI/CD
Relevant Coursework: OOPS, DBMS, Operating Systems, Software Engineering
Soft Skills: Problem-Solving, Leadership, Communication, Team Collaboration
Interests: Reading, Writing, Theatre | Fluent in English & Hindi