

Shreya Thakur

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Northeastern University

Master of Science in Information Systems

Relevant Coursework : Application Engineering Development, Data Management and Database Design

Boston, MA

Expected May 2025

S.T John College of Engineering and Management

Bachelor's of Engineering in Information Technology

Mumbai, India

May 2023

Experience

Intern

Astra Chemtech Pvt. Ltd

October 2022

Palghar, India

- I was involved in converting the raw data to the desired format for the company. This internship taught me multiple techniques.

Intern

Pearl Thermoplast Pvt. Ltd

April 2022

Palghar, India

- Was involved in the detailed operation and latest technological innovations from the datasets.
- I gained an in-depth understanding of their system. I went over all the data sets and analysed them in detail with my supervisor.
- Also gained first-hand knowledge of the software that is used to control the analysis during this internship.

Projects

Smart Art board for Creators and Enthusiast using AI/

- AI Virtual Connect is an innovative program that enables users to craft virtual sketches and drawings without the need for traditional input devices like a mouse, keyboard, or touchscreen. Instead, it leverages cutting-edge technology to translate real-time hand gestures into virtual illustrations.
- This hands-free approach not only offers a creative and intuitive way to express artistic ideas but also demonstrates the transformative potential of artificial intelligence in redefining how we interact with digital platforms.

MYFITNESSGUIDE /

- The system I worked on was a web-based health tracking platform that empowered users to monitor their well-being and receive valuable health tips. The interactive user interface was constructed using a combination of HTML, CSS, and JavaScript, with Bootstrap for responsive design and enhanced user experience.
- The backend of the system was exclusively built on Flask, a Python web framework, facilitating data management, user authentication, and seamless communication between the user interface and the database.
- My role included contributing to both the frontend and backend components, ensuring a holistic web application that offered an intuitive and informative health tracking experience for users.

Shop Billing Management /

- The system I worked on was entirely software-based, built using Python and powered by a MySQL database. My role involved utilizing Python for data analysis, including tasks such as data manipulation, visualization, and automation.
- Gained hands-on experience with MySQL, managing data retrieval, storage, and database operations through SQL queries. This allowed me to develop a deep understanding of database management and data security considerations within a software-driven environment.

Technical Skills

Languages: Java, Python, C/C++, SQL, HTML/CSS

Frameworks: React, Flask

Developer Tools: Git, Docker, Google Cloud Platform, VS Code, Visual Studio

Libraries: pandas, NumPy, Matplotlib