# Shivam Chatterjee

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# SUMMARY

An aspiring tech enthusiast diving deep into the world of Data and AI along with knowledge of Web development and DSA.

## PROJECTS

CSV Cleaner Link to Github

Built a full-stack web application for cleaning and formatting CSV files.

Backend: Developed REST APIs using FastAPI, handling CSV uploads, data cleaning (trimming spaces, removing duplicates, handling missing values), and returning results in CSV/XLSX format. Deployed on Render.

Frontend: Designed a responsive UI with React (hosted on Vercel) for file upload, preview, and download of cleaned datasets.

Implemented CORS configuration, streaming file responses, and integrated Excel export using Pandas + OpenPyXL.

Personal Portfolio Link to Github

Built a modern, responsive portfolio using React (Vite) and Tailwind CSS to showcase projects and skills. Integrated EmailJS for direct contact via email.

Designed a clean, mobile-friendly UI with smooth navigation and component-based architecture. Deployed online for easy accessibility and professional presentation.

#### EDUCATION

2023 - Present BTech. at **NIT Bhopal** (CGPA: 8.6) 2021-22 Class 12th CBSE Board (87.8%)

#### SKILLS

Programming Languages Python, JavaScript

Data Cleaning (Pandas, NumPy, Scikitlearn), SQL, AzureDataStudio, Tableau

Web Developement ReactJs, ExpressJs, MongoDB

#### CERTIFICATIONS

• SQL and Relational Databases 101 - powered by IBM

Certificate Link

Data Analytics Job Simulation – Deloitte Australia

## Work Experience

### Python Developer Intern- CodeAlpha

April 2025

Gained hands-on experience with Python libraries such as NLTK for Natural Language Processing (NLP) and scikit-learn for machine learning.

Developed projects including a Stock Price Prediction tool and other predictive models, applying concepts of data preprocessing, feature engineering, and supervised learning.