Shreya Chakraborty

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EDUCATION

Vellore Institute of Technology | CGPA: 9.05   Vellore, Tamil Nadu
Bachelor of Technology (B.Tech) in Computer Science and Engineering   *Aug. 2023 – July 2027*

Delhi Public School | PCMB: 91(CBSE)   Siliguri, West Bengal
Senior School   *Apr. 2019 – Mar. 2021*

St. Joseph High School | 92(ICSE)   Siliguri, West Bengal
High School   *Passed – 2019*

EXPERIENCE

UI/UX Designer   Sept. 2023 – Dec. 2023
MG Startup   *VIT, Vellore*

- Designed and optimized the UI/UX for a healthcare application aimed at securely storing, managing, and accessing medical documents

CERTIFICATIONS

MERN Stack Certification | Certificate ID: FCGMFBWH   July 2025

PROJECTS

VaxPortal | *React, Node.js, Express, MongoDB, Gemini API* [GitHub]   Apr 2025 – Apr 2025

- Developed a full-stack web app for booking and managing vaccination appointments.
- Designed a dynamic dashboard with user authentication and role-based access.
- Used MongoDB for efficient and scalable medical record storage.
- Implemented an AI-powered chatbot using Gemini API to assist users with queries.

SMS Spam Classifier | *Python, Scikit-learn, NLTK, Streamlit* [GitHub]   May 2025 – May 2025

- Built an SMS spam detection model using Scikit-learn's TF-IDF vectorization and Multinomial Naïve Bayes, achieving 97% accuracy.
- Performed NLP preprocessing (tokenization, stopword removal/stemming, feature extraction) with NLTK and custom functions.
- Visualized data distributions and word patterns using Seaborn, matplotlib, and WordCloud.
- Developed a Streamlit app with real-time input, preprocessing, and spam/ham prediction using the trained model.

TECHNICAL SKILLS

Programming: Java, Python, C/C++
Web Development: React.js, Node.js, Express.js, HTML, CSS
Database: MongoDB, MySQL
Developer Tools: Git, Google Colab, VS Code, PyCharm
Libraries: pandas, NumPy, Matplotlib
Other Skills: Data Structures Algorithms, OOPS

EXTRACURRICULAR

Member Secretary   Sept 2024 – Present
Student Council of VIT   *Vellore, India*

- Conducted large-scale hackathons with 1000+ participants, managing logistics and execution.
- Organized VIT's annual Club and Chapter Meetup with 50+ organizations.
- Collaborated with student club and chapters to streamline event planning across the university.

Operations Executive   2024 – Present
Entrepreneurship Cell (ECELL), VIT   *Vellore, India*

- Managed South-Asia's Biggest Entrepreneurship festival, with a footfall of more than 600+ students
- Supported the execution of business simulation events during Futurepreneurship-10.0, with over 800+ registrations