SIDDHANT DEMBI

Mumbai

👤 [Portfolio](#)   ✉ siddhantdembi@gmail.com   💼 [linkedin.com/in/siddhantdembi](#)   🐙 [github.com/siddhantdembi](#)

Professional Experience

Entelligentsia   **December 2023 – January 2024**
Backend Developer Intern   *Pune*

- Developed serverless backend solutions using AWS Lambda and DynamoDB in Python.
- Implemented RESTful APIs, ensuring seamless communication with Postman for testing along with unittesting.
- Effectively used the Serverless Framework with YAML for a scalable application architecture.
- Implemented secure authentication with JWT tokens, enhancing API security.
- Integrated Regex for verification and validation.

Decimal Point Analytics   **May 2023 – July 2023**
Research Analyst Intern   *Mumbai*

- Explored Streamlit, an interactive web application framework, and enhanced data processing efficiency by automating data cleaning tasks, resulting in a 30% reduction in data preparation time
- Explored Milvus, a vector database, by studying its documentation and running basic code samples.
- Completed a Coursera course on PySpark to enhance my understanding and skills in big data processing.
- Proficiently utilized PySpark and Databricks for data manipulation and cleaning of CSV files.

Projects   [Click for All Projects](#)

Timestamp and Analysis | *Python, Streamlit, MySQL, Pandas, Matplotlib*   **February 2024**

- Insights provided include monthly totals, average counts per month with highest frequency month highlighted, dates with highest counts, user-input frequency analysis, day-wise frequency table and bar plot, and hourly frequency analysis with peak hours identified.
- Github: **[Click for GitHub](#)**
- URL: https://timestampanalysis.streamlit.app

Career Wise | *React, Python, Flask, MongoDB*   **October 2023**

- Utilizing an algorithm, personalized career advice is provided based on skills and interests.
- Using a custom algorithm to align test scores with ideal career choices, promoting informed decisions.
- Incorporated a real-time chatbot for career queries, enhancing understanding.
- Github: **[Click for GitHub](#)**

Data Fixer | *Python (Streamlit and Pandas)*   **June 2023**

- The project offers a user-friendly interface for cleaning and processing tabular data files (CSV, XLS, XLSX), allowing users to perform a range of operations on their data such as:
- Replace Null Values, Remove Duplicate Rows, Remove Missing Values, Convert to Lowercase, Delete Columns, Capitalize Columns, Sort Column: Sort a column in ascending or descending order based on lexicographical order.
- Github: **[Click for GitHub](#)**
- URL: https://datacleaner.streamlit.app

Education

Thadomal Shahani Engineering College   **2025**
Bachelor of Engineering in Information Technology (University of Mumbai)   *8.1 CGPA*

Technical Skills

Languages: Python, HTML, CSS, Java Script, Java, C, C++
Developer Tools: Git, Github, Excel, Tableau, AWS(EC2, S3, Lambda), Ubuntu(Linux Bash), Docker
Frameworks/Libraries: Flask, Streamlit, PySpark, Pandas, Matplotlib, Unittest, Regex, Bootstrap, Serverless
Databases: MySQL, MongoDB, DynamoDB, Milvus(Vector Database)
Other Software: Oracle VirtualBox, Adobe Photoshop, Adobe Illustrator, Canva

Extracurricular

TSEC Hackathon   **October 2023**
Participated in a 24 hour Hackathon   *Thadomal Shahani Engineering College*

SFIT Hackathon   **March 2023**
Participated in a 24 hour Hackathon   *St. Francis Institute of Technology*

IETE-TSEC   **July 2022 – May 2023**
Junior Committee Member   *Design Team*

- ∗ Gained practical experience utilizing Adobe tools to create engaging and visually appealing Instagram posts.
- ∗ Drafted, edited, and published content for Instagram account leading to an increased follower ship of 30%, increased engagement by 20%, and increased brand recognition by 15%.