



SIDDHANT DEMBI

Kandivali East, Mumbai

+91 8850003687 siddhantdembi@gmail.com [linkedin.com/in/siddhantdembi](https://www.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

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.
- Boosting user confidence with 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.
- Users have the option to download the cleaned data in either the same format as the input file or in CSV format.
- Github: [Click for GitHub](#)
- URL: <https://datacleaner.streamlit.app>

Education

Thadomal Shahani Engineering College

2025

Bachelor of Engineering (Information Technology)

University of Mumbai

Relevant Coursework

- | | | | |
|-----------------------|---------------------|-------------------------|-------------------|
| • Data Structures | • Operating Systems | • Computer Architecture | • Automata Theory |
| • Database Management | • Computer Network | • Internet Programming | • Devops |

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

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%.