

SIDDHANT DEMBI

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 [Mumbai](#)

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 [\(All Projects: https://demi.xyz/project\)](https://demi.xyz/project)

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.
- Source Code: <https://github.com/SiddhantDemi/Date-Time-Analysis>
- Live Deployment: <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.
- Source Code: <https://github.com/SiddhantDemi/Career-Recomendation-System>
- Live Deployment: <https://career-wise-recomend.vercel.app/>

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.
- Source Code: <https://github.com/SiddhantDemi/Data-Cleaning>
- Live Deployment: <https://datacleaner.streamlit.app/>

Education

Bachelor of Engineering in Information Technology (University of Mumbai)

2025

Thadomal Shahani Engineering College

8.1 CGPA

Technical Skills

Programming Languages: Python, Java, C, C++.

Web Development: Flask, Postman, HTML5, CSS3, Bootstrap, JavaScript ES6, React, Vercel, Render.

Developer Tools: Git, Github, AWS(EC2, S3, Lambda), Ubuntu(Linux Bash), Docker.

Analytics: Pandas, PySpark, Matplotlib, Numpy, Excel, PowerBI, Tableau.

Frameworks/Libraries: Serverless, Streamlit, Unittest, Regex.

Databases: MySQL, SQLite, MongoDB, DynamoDB, Milvus(Vector Database).

Design: Adobe Photoshop, Adobe Illustrator, Adobe AfterEffects, Adobe Premiere Pro, 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

Interests and Hobbies: Fitness, Photography, Travelling, Music.