






Tasmiya Sarguroh

Aspiring Developer

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EXPERIENCE

SIES (NERUL) COLLEGE OF ASCN | ACADEMIC RESEARCH

Dec 2023 – April 2024

- Conducted research as part of final year project on "SynCode", a real-time web-based code editor.
- Presented research at Mumbai University Aavishkar event, reaching zonal round. Featured presentations at Confluence and Envision SIES. (published by IARA)

DMCE HACKATHON 2.0 | PARTICIPANT

March 20 - 21, 2024 | 24-hour Offline Hackathon

FULL STACK | Python | [Check here](#)

- Developed "MediGuide AI", a medical chatbot by merging technology and medicine to offer extensive medical information.
- Applied web development and generative AI skills using Python, Langchain, Hugging Face Transformers, Faiss, and Streamlit.

HACKTOBERFEST | OPEN SOURCE CONTRIBUTOR

October 1 - 31, 2023

BACK-END | JavaScript

- Made a Translation application.
- Made a CRUD application.

HIGH SCHOOL HACKS | WINNER

May 26 - 28, 2023 | MLH 36-hour Online Hackathon

BACK-END | FASTAPI | [Check here](#)

- Collaborated and developed a "QuizBurst", an innovative web application designed to enhance student learning.
- Performed various operations using FastAPI such as GET, POST, PUT, etc.

PROJECTS

SYNCODE - A REAL-TIME WEB BASED CODE EDITOR | REACTJS

2024 | [Check here](#)

- Developed SynCode with multi-language support using PistonAPI, enabling real-time collaborative coding with a socket connection.
- Integrated real-time socket connection for collaborative coding sessions, allowing multiple users to edit code simultaneously.

DATA CHEMISTRY - DYNAMIC DATA SOLUTIONS | HTML | CSS | JAVASCRIPT

2024 | [Check here](#)

- Handles pre-fetched JSON data and user-added data, supporting real-time updates for adding, editing, and deleting records.
- Incorporates Bootstrap for responsive layouts and DataTables for features like sorting, pagination, and column management.
- Utilizes the Web Storage API to store and maintain data across sessions, ensuring changes are preserved after page refreshes.

SKILLS

LANGUAGES

JavaScript • C++ • Java
Python • HTML • CSS

DATABASES

SQL • MongoDB • Airtable

TOOLS

Git • Visual Studio Code
IntelliJ • Jupyter Notebook

TECHNOLOGIES

ReactJs • NodeJs • jQuery
Transformers • LangChain

EDUCATION

SIES (NERUL) COLLEGE

BACHELORS IN INFORMATION
TECHNOLOGY

June 2021 - 2024 | Nerul, Navi Mumbai

Cum. GPA: 9.58

S.K. SOMAIYA COLLEGE

PCMB

May 2021 | Vidyavihar, Mumbai

Cum. Per: 88.67

ACHIEVEMENTS

ACADEMICS

Secured 1st Rank in Semester-I with a
SGPA of 9.8

Secured 2nd Rank in Semester-II with a
SGPA of 9.9

Secured 3rd Rank in Semester-IV with a
SGPA of 10

HACKATHON

HighSchoolHacks Winner 2023

OPEN SOURCE

Completed Hacktoberfest 2023

Challenge

Ranked among the top 15 contributors to
ISOC 2023