

Siddharth Yogesh Dhaigude

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Education

DON BOSCO INSTITUTE OF TECHNOLOGY (DBIT) - UNIVERSITY OF MUMBAI

July 2020 - June 2024

Mumbai, IN

- Bachelor of Engineering in Computer Engineering with Honors in Data Science;
CGPA: 8.80/10 till SEM 7

Projects

SACRED HEARTS SCHOOL, KALYAN | *Astro, TypeScript, Tailwind* | Links - [Project](#)

- Designed and developed the official website for Sacred Hearts School.
- Co-ordinated with the stakeholders to ensure that the project goals and objectives were achieved within budget and on schedule.
- Developed a modular website to ensure seamless scalability, easy maintenance, and enhanced user experience.
- Focused on SEO and modular design for enhanced website performance and user experience.

LOKMANGAL SANSTHA, GHOT (NGO) | *Astro, TypeScript, Tailwind* | Links - [Project](#) | [Source](#)

- Served as a Team Lead, collaborated with Stakeholders to guarantee the achievement of all necessary requirements.
- Focused on SEO and modular design for enhanced website performance and user experience.

ANTI-PLASTIC BRIGADE CHARITABLE TRUST (NGO) | *HTML, CSS, JavaScript, Bootstrap* | Links - [Project](#) | [Source](#)

- Served as the primary point of contact, collaborating with stakeholders and clients to ensure project goals were met on time and within budget.
- Developed and designed a static website using HTML, CSS, JavaScript and Bootstrap.
- Deployed the website and implemented google analytics to analyze site traffic.

SAKHYA - WOMEN'S GUIDANCE CELL (NGO) | *Astro, Tailwind, HTML, CSS, JS* | Links - [Project](#)

- End-to-end development of the NGO's website, enhancing user experience and engagement.
- Ensured website security by implementing SSL certificates and conducting regular security audits.
- Optimized website content for search engines (SEO) to increase visibility.

SMART POSTURE ANALYZER FOR EXERCISE | *MediaPipe, TensorFlow, OpenCV, NumPy, Pandas* | Links - [Source](#)

- Developed an Android App to analyze Exercise Posture and return feedback in Realtime.
- Used MediaPipe to generate body landmarks and implemented a Recurrent Neural Network (LSTM) using TensorFlow for analyzing the posture landmarks.
- Presented the project at the 6th IEEE-ICAST conference.

ACM-DBIT WEBSITE | ASTRO, React, HTML, CSS, JS, Typescript, CMS | Links – [Project](#) | [Source](#)

- Received Student Chapter Excellence Award for the website.
- Used React components and Astro static site generator to generate pages.
- Setup CI/CD to build and deploy site based on changes made to data in CMS.

Publications

S. Dhaigude, H. Panigrahi, S. Godse and P. Shaikh, "Smart Posture Analyzer For Exercise," 2023 6th International Conference on Advances in Science and Technology (ICAST), Mumbai, India, 2023, pp. 389-394, DOI: 10.1109/ICAST59062.2023.10455069 [\[Link\]](#)

Technical Skills

Language: JavaScript, Typescript, Python, SQL, C/C++

Backend Technologies: Express.js, Django, Node.js

Frontend Technologies: React.js, Astro, Flutter, Tailwind, Bootstrap, HTML/CSS

Database: MySQL, PostgreSQL, MongoDB

Other: TensorFlow, Pandas, NumPy, Git, GitHub

Extracurriculars / Volunteering

ASSOCIATION FOR COMPUTING MACHINERY,

Sept 2021 – April 2023

Vice-Chairperson, Ex Asst Tech Head

- Conducted multiple workshops on topics such as Game Development, Web Development, Git and GitHub, React.js, Flask and Unity game engine.
- Led a chapter of 16+ members while ensuring the smooth functioning and planning of the student chapter.

GIRLS 4 IMPACT

Oct 2021 - Jan 2022

Python Teaching Volunteer

- Volunteered to teach a 10-week long course on python to school students to increase women's representation in tech community.
- Taught computer science fundamentals like binary number system, the concept of bits, logic gates and the basics of programming using Python.