

## EDUCATION

Dwarkadas J. Sanghvi College of Engineering, Mumbai University

2022 – 2026

Bachelor of Technology in Artificial Intelligence and Machine Learning.

• Relevant courses: Data Structures, Operating Systems, Analysis of Algorithms, Artificial Intelligence, Machine Learning, DBMS, Statistics, DevOps, Data Mining and Analytics, Web Development

## ACADEMIC PROJECTS

• Food Truck Web Application - Crafted with the cutting-edge MERN Stack, my Food Truck Web Application revolutionizes the culinary experience. Boasting an exquisite UI, it offers seamless order management, real-time order notifications, and live location sharing for user convenience. With an animated menu resembling a dining table, users enjoy an immersive browsing experience. Moreover, mood-based filtering and robust sorting capabilities enhance menu exploration. Integrated payment options ensure smooth transactions. An admin panel grants access to user data, orders, and insightful analytics. A true fusion of innovation and functionality.

Tech-Stack: MERN Stack

• Document Management Web Application - Introducing Robust Document Management Web Application, designed to streamline company document handling. With a sleek UI and robust user authentication, it ensures secure access to stored documents. Featuring an intuitive upload function and a convenient 'Last 3 Documents Viewed' feature, navigation is seamless. The sidebar organizes documents by type for easy retrieval, complemented by a powerful search function. Users can annotate documents and download them locally, facilitating efficient collaboration. Additionally, the application enables document replacement for seamless updates. Revolutionizing document management with efficiency and user-centric design.

Tech-Stack: Node, Express, Mongo, HTML, CSS, JS

• Dynamic Product Scraping Web Application - Introducing my dynamic Product Scraping Web Application, engineered to simplify online shopping. This innovative platform effortlessly scrapes dynamic product information from the web and presents it with intuitive filtering options, enabling users to refine their search based on specific criteria such as battery size, camera brand, CPU, and more. Additionally, it offers price comparison across three popular e-commerce websites, providing users with comprehensive pricing data along with product specifications and image URLs. Leveraging past data, the application also suggests relevant products, delivering a personalized shopping experience. All data is securely stored in MongoDB, ensuring seamless accessibility and reliability. Redefining online shopping with efficiency and intelligence.

Tech-Stack: Django, HTML, CSS, JS, BeautifulSoup, Request

• MERN Projects such as News Application, Chat Application, Task Manager Application, Weather Application.

• React Projects such as Personal Finance Tracker, E-Commerce Web Application Storing Data in Localstorage, Todo-Application.

• Made few Projects in College Committee's and Student Chapter's for Events and Hackathon, example :

1. Full Stack Web Application with User's, Company's and Admin's Perception where User can apply for job in registered companies and companies can access that data in their Account also Admin has Access to all User and Company Data.
2. Fully Animated and Responsive Hackathon Website's with Information and Guidelines regarding Hackathon.
3. Official Websites of below mentioned Committee's (DJS SIGAI and DJS ACM).

• Regular ML Projects using Regression and Classification on Prediction of certain Dataset given and basic Recommendations Systems such as Movie Recommender, Product Recommender, etc

## TECHNICAL SKILLS

Programming Languages: C, C++, Python, HTML, CSS, JavaScript, React.js, MongoDB, Express, Node JS (MERN Stack), SQL, Django, Pandas, Numpy, Sci-kit Learn, Next.js, Tailwind CSS, Java, Web-Scraping.

Tools & Platforms: Git, GitHub, Photoshop, Figma, Canva, Jupyter Notebook.

## RESEARCH WORK

A Helper (Parent) AI training Children AIs in Specific Programming Languages – Idea is to train Child AI's which are getting prompts from user regarding errors in specific programming language and they all are internally Trained and managed by Helper/Parent AI which is trained on vast dataset and has feature to Scrape Documentations and related resources from Internet to find errors and give proper code to user.

## PARTICIPATION

Top 10 in Syn3ergy 24 Hour Hackathon Conducted in DJ Sanghvi College of Engineering

Participated in HackNiche Official GDSC's and DJS Synapse's 24-Hour Hackathon

## EXTRACURRICULAR ACTIVITIES

Co-Committee Member in Web Department at DJS SIGAI (AI and ML committee)

Co-Committee Members in Web Department at DJS ACM (Association for Computer Machinery) Student Chapter