

KAVAN GANDHI

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Education

Veermata Jijabai Technological Institute

Dec 2021 – Present

Bachelor of Technology in Computer Engineering | CGPA - 8.95

Matunga, Mumbai

K.J. Somaiya College of Science and Commerce

Sep. 2019 – Aug. 2021

HSC - 98% | JEE MAINS 2021 - 98.95%ile | MHT-CET 2021 - Rank 97

Vidyavihar, Mumbai

Relevant Coursework

- Data Structures
- Database Management
- Operating System
- Algorithm Analysis
- Object Oriented Programming
- Computer Networks

Competitions

e-Yantra Robotics Competition by IIT-Bombay 🔗

Oct. 2022 – Mar. 2023

Among top 30 teams out of 372 teams

Mumbai, Maharashtra

- Designed a prototype of a self-balancing Delivery bike
- Developed a Linear Quadratic Regulator controller for balancing the bike with a Reaction Wheel mechanism
- Implemented line following in coppeliasim where our bike successfully traversed different terrains

Projects

Legal Documentation Assistant 🔗 | ReactJS, Tailwind CSS, Flask, Postgres SQL

September 2023

- Created a website that drafts legal documents based on the user inputs
- There is also a document editor where the user can make changes to the document and once satisfied can download it
- An AI-powered chatbot is also provided to answer various user queries
- Frontend is implemented using ReactJS and Tailwind CSS. The backend is implemented using Flask. Postgres SQL is used for the database which has been hosted on render

Best Buy 🔗 | ReactJS, Tailwind CSS, NodeJS, ExpressJS, MongoDB

July 2023

- Built an e-commerce website with authentication implemented using JWT.
- It has various features like Add to Cart, Order History, and Listing items to sell
- Frontend is built using ReactJS and Tailwind CSS. The backend is implemented using NodeJS and ExpressJS and the database is on MongoDB Atlas

Institute Level Timetable 🔗 | ReactJS, NodeJS, ExpressJS, Postgres SQL

January 2023

- Developed a centralized database for the management of various college-level events
- Provides a description about various events scheduled in college along with their venue, date and time
- ReactJs is used for frontend. NodeJs and ExpressJs are used for implementing the backend. Postgres SQL is used for database management

Technical Skills

Languages: C, C++, JavaScript, SQL

Web Developer Tools: ReactJS, NodeJS, ExpressJS, Tailwind CSS

Technologies/Frameworks: Linux, GitHub

Leadership / Extracurricular

Community of Coders

August 2023 – Present

Competitive Programming Coordinator

VJTI

- * Conducted a C++ workshop attended by 200+ students and taught them basics of C++ language as well as OOPS
- * Helped in setting and testing of problems for Introduction to Competitive Programming Workshop

Achievements

- Qualified for Round 2 in Meta Hacker Cup 2023 🔗
- Codechef - 4 star 🔗
- Pupil on Codeforces 🔗
- Finished in top 10 at Technoquasar
- Finished in top 5 at Checkpoint Hacker