Dharmesh Marathe

Undergraduate Student

I'm a final year computer engineering student having exceptional technical skills and effective communication abilities. I have a strong expertise in Web Development Working collaboratively in challenging environments drives me to push my limits and achieve goals. I continuously strive to stay updated with the latest industry trends and emerging technologies

Contact

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Education

Bachelor in Computer Engineering (Current)
VIDYAVARDHINI'S COLLEGE OF ENGINEERING
2020   vasai

Higher Secondary Education
SEITH K.V. PAREKH ANAND JR. COLLEGE OF ART, COMMERECE & SCIENCE
2018 - 2020   Nallasopara

Secondary Education
ADARSH EDUCATION SOCIETY
2005 - 2018   Nallasopara

Skills

- MongoDB
- JQuery
- Express.js
- PHP
- React.js
- GitHub
- Node.js
- Problem Solving
- HTML, CSS, JavaScript
- C
- Java
- Python
- MySQL

Interests

- Work in collaborative environment
- Explore newer trends in technology
- Volleyball

Work Experience

MEGAHACK 3.0   2023
St. John College of Engineering | Palghar
Made improvements like face authentication, voice commands based navigation to online job portal for disabled people. It is web app that enables unemployed disabled person to find a suitable job based on his/her disability type.

TSEC HACKS 2023
Thadomal Shahani College of Engineering | Bandra   2023
Developed a prototype of job portal for disabled people to find jobs based on hir/her disability type.

PHP INTERNSHIP   2023
Vidyavardhini's College of Engineering | Vasai
Developed a Full Stack Web app for Transcript generation system for college students using HTML, CSS, Bootstrap for frontend and Javascript, JQuery, PHP, MySQL for backend.

CODE' O FIESTA
Vidyavardhini's College of Engineering | Vasai   2022
Developed a Product Showcase web based application. Primary aim of the application to enable company or startups to showcase their product in public. Technologies used are HTML, CSS, Javascript and Firebase.

Personal Projects

Food Recipe App (Home Chef)   2023
Full Stack app developed using MERN. It is powered by Spoonacular API for recipes and LogMeal API for Dish recognition. Frontend is entirely done using MUI library of react and backend is done using Node, Express for building API and for data storing MongoDB Atlas is used.

Online Games Store (PixelBay)   2023
Full Stack app that allows user to view vast variety of PC games and also search games based on their system requirements. It is developed using basic HTML, CSS and JavaScript. Frontend is done using CSS, Bootstrap. Backend is done using Node, express and MySQL for data storage. This app also have secure authentication using MySQL by hashing it.

Weather Forecast App   2023
Basic web app developed using HTML, CSS & JavaScript. It used AccuWeather API for realtime weather data.

Group Projects

SEM - III   Content Management System

- Java Based Application
- Allows teacher tto share study materials amongst students
- Did Database connectivity using MySQL with JDBC with some part of frontend development.

SEM - IV   Document Converter

- Python based application
- Capable of Merging, splitting PDFs & converting JPEG images to PDF
- Worked on Backend Implementation

SEM - V   Fruit Detection & Classification for blind people

- Python based application
- Used CNN for fruit detection and classification. Mediapipe is used for hand tracking of the user.
- Did the implementation of hand tracking of user and narrator system to guide user through voice commands

SEM - VI   Transcriptify

- Full stack PHP based application.
- This online platform is used by college students to generate transcript.
- Majorly contributed in backend development for creating API using PHP to connect it with MySQL

Final Year Project

AI Based Autopilot for Drone

- Python based project
- Can be used various environments (Exploration, Delivery, Terrain Mapping, etc)
- It is capable of decision making capability in critical situation.
- Optimise flight path and time based on it's flight capability and environment (Development in progress).

ACHIEVEMENTS

- Got in Top 10 in TSEC HACKS 2023
- Participated in MEGAHACKS 3.0
- Completed MERN Stack from Mind Resume
- Certification in Core Javascript
- Oscillation Paper Showcase competition
- Runner up in VCET Tech Quiz
- Certification in Core Java
- Certification in Core MySQL

OTHERS

- ADC Club Member
  Post SDP Head