



VISHWAA D A

B.Tech. - Information Technology

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BRIEF SUMMARY

My academic journey highlights my dedication to mastering technology and its applications. I have developed a strong proficiency in Python, utilizing its versatile tools effectively. Additionally, I have cultivated problem-solving skills through consistent practice, reaching a solid intermediate level. Currently, I am also skilled in full-stack development and am currently expanding my expertise by learning JavaScript and its frameworks. My future goals include working in the blockchain field and advancing my knowledge in AI and emerging web technologies.

KEY EXPERTISE

python Flask Web Scraping sqlalchemy sqlite pyautogui HTML CSS Bootstrap Javascript Node
Express tailwind css ReactJS mongoDB Flutter Dart Socket.io Git java C++ IOT and C programming
redux PostgreSQL automation using selenium

EDUCATION

Sri Sivasubramaniya Nadar College of Engineering (SSN), Chennai

2021 - 2025

B.Tech. - Information Technology | CGPA: 7.60 / 10

Psg polytechnic college, Aruppukkottai

2022

Diploma | Diploma - Information Technology - Information Technology | Dot | Percentage: 90.50 / 100

Saliyar mahajana higher secondary school, Aruppukkottai

2018

10th | SSLC | Percentage: 84.20 / 100

INTERNSHIPS

NITTTT chennai | IT / Computers - Software

16 Jun, 2024 - 04 Aug, 2024

Frontend Web Developer

In this one and half month of internship period in nitttr chennai, me and my team have created a new website for nitttr chennai, they have asked us to change the code base from php to react.js, there are numerous amount of pages in the nitttr website and i did changed the codebase of half of the pages.

This was a very good experience that i got to read some of the php code that was written by someone else which will always happen in industry level projects

meister gen technologies | IT / Computers - Software

20 Feb, 2024 - 20 Jul, 2024

Full Stack Web Developer

Key Skills: ReactJS tailwind css node express javascript mongoDB socket.io DOM

During the internship so far i have developed some projects on my own with the the skills that i have learnt in the learning period of 2 months, i have developed a task management app which will looks similar to Google's Taskboards, and i have created my own google meet where users can communicate to each other virtually and finally i have cloned the Airbnb website using react js and nodejs.

Since the internship period is not over yet i'm not able to upload the certificate

PROJECTS

Crisis

25 Jun, 2024 - 25 Jul, 2024

Team Size: 5

Key Skills: Flutter Firebase Firestore mobile networking sockets dart

Project Link: <https://github.com/Vishwaa-Arumugam/Crisis>

Crisis is a crowd based disaster management platform primarily targeted for chennai floods, there are actually 2 user roles in this app and one admin role, the user can be either a victim who affected by flood or a volunteer who is willing to help the victim, and admin can monitor all the users, victim can request boat, food, water, milk, groceries, medicines and they can post their requests as a post, volunteer can satisfy the victim through the app's features.

Booking website - Airbnb Clone

26 Jun, 2024 - 07 Jul, 2024

Team Size: 1

Key Skills: React js Tailwind css node rest api espress js mongodb

Project Link: <https://github.com/Vishwaa-Arumugam/Booking-Website-Airbnb-Clone-.git>

The Airbnb Clone project is a web application designed to replicate the core functionalities of the popular Airbnb platform. This clone will provide users with the ability to book rental properties. Hosts can list their properties, manage bookings. The project leverages the MERN stack (MongoDB, Express.js, React, Node.js) for a robust and scalable backend and frontend, and Tailwind CSS for a modern, responsive, and customizable UI design. On summarize this project it includes complex route handling, state management with immersive design

Video Dubber - Voice Carft 11 Jul, 2023 - 20 Sep, 2023

Mentor: Dr.Ashwinth | **Team Size:** 6

Key Skills: Python openAi-Whisper google trans pydub pytube edge-tts audio-featues - Spectrogram generation

Project Link: <https://github.com/HallowSiddharth/VoiceCraftAI>

Voice-Craft is a video dubbing software, which is used to dub youtube video from english to other indian regioanal languages

En-Route Route optimizer - website 01 Mar, 2023 - 01 Jun, 2023

Mentor: Dr.Sandhanakaruppan | **Team Size:** 3

Key Skills: Python API Testing DSA Javascript Flask Passsword hashing salting SQLi SQL alchemy

The user has to create an account, after logged in with the account a prompt will appear asking the user to enter the source and destinations. The configured requests will change it to latitude and longitude and find the shortest path from source to all points and visiting source again using branch and bound technique. The result will be displayed in the map, the user can also view the route in google maps using the specified option.

Room-Hive Website 10 Jan, 2023 - 12 Apr, 2023

Mentor: Dr.Sasirekha | **Team Size:** 5

Key Skills: python Javascript api flask csv pandas dsa

Project Link: <https://github.com/HallowSiddharth/RoomHive>

Room-Hive is an efficient hotel search and booking assistant that simplifies the process of finding and booking nearby hotels. The project offers a user-friendly web interface with a user registration page, utilizing MySQL for database management. Through an integrated API, users can search for hotels near their location, filter search results based on preferences, and save the filtered information to a CSV file for offline reference and the details will be send to the user's telegram.

PUBLICATIONS / RESEARCH / WHITE PAPERS

Voice Assistant using Artificial Intelligence 31 May, 2022

backend application | IJERT | **Mentor:** Preethi G | **No. of Authors:** 4

Key Skills: python basic knowledge about nlp Selenium WebDriver PyQt

The main motive of this project is developed for physically challenged person. In this project we have developed a static voice assistant using python which will perform operations like copy and paste files from one location to another location, to send a message to the users mobile also order pizza and mobile using voice commands.

ACHIEVEMENTS

- o Finalist in PSG hackathon 2024
- o participated in SIH 2023

ASSESSMENTS / CERTIFICATIONS

CCNA 12 Jun, 2025

Key Skills: CCNA Cisco Packet Tracer WireShark Socket Programming

100 Days of python - Bootcamp

Key Skills: python SQLite SQLAlchemy api flask Web Development

EXTRA CURRICULAR ACTIVITIES

- o athletics, football.

PERSONAL INTERESTS / HOBBIES

- o Music

WEB LINKS

- o Github - <https://github.com/Vishwaa-Arumugam>

PERSONAL DETAILS

Gender: Male

Marital Status: Single

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aruppukottai, Aruppukkottai, Tamil Nadu, India - 626101

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Date of Birth: 14 Jan, 2003

Known Languages: Tamil, English

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