Mukesh Vaishnav

in Mukesh-Vaishnav
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EDUCATION

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, VADODARA

B.Tech in Computer Science
Dec 20 - Present | Gandhinagar, India
CGPA: 7.80 (Sem VI)

M.S. COLLEGE OF SCIENCE

H.S.C.
Percentage: 73.04%
May 2019 | Thane, India

QUEEN MARY'S HIGH SCHOOL

S.S.C.
Percentage: 88.60%
May 2017 | Thane, India

LINKS

Github:// **MukVai**
LinkedIn:// **Mukesh Vaishnav**
LeetCode:// **iam-vai-muk**
Coding Ninjas:// **Mukesh Vaishnav**

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms
Object Oriented Programming
Database Management Systems
Operating Systems
Software Engineering
Computer Networks

SKILLS

PROGRAMMING

Experience:
• C++ • Java • Git/GitHub
• HTML• CSS • Javascript
• MySQL• React.js • Sanity

Familiar:
C • Android • Python • Next.js

CERTIFICATIONS

- Certification of Participation in Azadi Ka Amrit Mahotsav Hackathon, 2022.
- Flipkart Grid 4.0 ☑ Software Development Challenge Level 1 Certification.

PROJECTS

ISMART RESEARCH SCHOLAR ☑ | React.js, Django REST, Heroku

Sept 2022 - Feb 2023

- A desktop application that helps you find the most relevant research papers for a particular topic.
- Gives you a summary of a document in 8-10 lines. Thus, helps review a document in couple of minutes.
- Developed the Frontend React JS interface.
- Project submitted at Azadi ka Amrit Mahotsav Hackathon, 2022.
- Won 1st Prize with a Cash amount of INR 50,000.
- Language Used : Pyhton, HTML, CSS, Javascript.

GATEWAYX ☑ | Python, Cherrypy, Redis, MongoDB

July 2023

- An Application Programming Interface (API) Gateway that provides a RESTful interface for HTTP Requests.
- Validates Header and routes the request to the appropriate backend microservices.
- Provides Response to GET and POST Requests as of now.
- Implemented 4 Major Features: Header Validation, Caching (using Redis), Parallel Request-Response (using Threading) and Rate-Limiting (Fixed Window Algorithm).
- The project can be used as a starting point for building more complex API gateways. It served me as a reference for learning Python, CherryPy, Redis, and MongoDB to build RESTful APIs.

SENTIMENT ANALYSIS ☑ |Summer Research Internship Project | Kaggle, Python, pandas, NLTK, Huggingface Transformers

June - July 2023

- Comparative Analysis of Pre-trained Deep Learning Models for Sentiment Analysis on Amazon Fine Food Reviews Dataset.
- The analyis was done on 10,000 reviews from the Amazon Food Reviews Dataset containing 5,68,454 entries.
- VADER model that uses a bags of words approach, and 2 of the Huggingface Transformers' pre-trained models RoBERTa and Electra were used to perform Sentiment Analysis.

EXTRACURRIULAR

STUDENT PLACEMENT CELL, IIIT VADODARA

- Member since October 2022.
- Helped the Placement Cell in the Placement Activities since joining. Organized Seminars, Webinars, OA's and Interviews of students.

ENCORE | The Music Club of IIITV

- Mentor of the Music Club.
- Managerial Secretary (July 2022-July 2023) and Vocalist for 3+ years
- Organized Euphoria (an intra-event) with a total participation of 50+ entries at institute level. Performed at various Intra+Inter Events.