Ritik Bhasarkar

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EDUCATION

MIT ACADEMY OF ENGINEERING
BTech in Computer Engineering
2019 - 2023 | Pune, India
Cum. GPA: 8.04 / 10.0

LINKS

Github:// **Ritik-Bhasarkar**
LinkedIn:// **ritik-bhasarkar**
Portfolio:// **rdb.app**

COURSEWORK

Object-Oriented Programming
Operating System
DBMS
Computer Network
Artificial Intelligence +
Machine Learning

SKILLS

PROGRAMMING
Languages:
- C++
- JavaScript

Technology:
- HTML • CSS
- REST API • ExpressJs • NodeJs
- Firebase • Git

Framework & Library:
- ReactJs • Redux

INTEREST

- Japanese Art
- Music
- Design
- Listening Podcast (How to Get Rich by Naval Ravikant)

PROJECT

MUSIC RECOMMENDATION USING FACIAL EXPRESSION
June 2021 - July 2022
- A research project on recognizing **facial expressions** by **Deep learning** algorithms of **Convolutional Neural Networks** and **OpenCV** with **KERAS** library.
- The project will detect and recognize human expressions and tag them on Happy, Sad, Neutral, Surprise, etc.
- The Dataset used **FER-2013** consists of 48x48 pixel grayscale images of faces.
- **Music recommendation** by XGBOOST algorithm.

COLLEGE QUORA
Sep 2021 - Sept 2021
- A **fully functional web application** providing an exclusive online platform for college students to ask and answer questions with their academic community.
- Designed and implemented both the front-end (using **React** for **dynamic user interfaces**) and back-end (leveraging **Firebase** for secure **user authentication** and real-time database operations).
- Developed and Implemented **React components** with state management **Redux**.

STOCK CHECKER
August 2023 – August 2023
- A Stock Market App utilizing the **Finnhub API** to fetch **real-time** stock data. Designed with **tailwind**.
- Implemented **search** functionality to dynamically retrieve **stock charts**, providing users with current prices, lows, and highs for comprehensive market analysis.
- Integrated the **ApexCharts library** to create detailed and interactive stock charts. Implemented **REST API** methods using **Axios** to interact with the Finnhub API.

EXPERIENCE

WORQHAT | Full Stack Developer Intern
June 2022 – Aug 2022 | Remote
- Built a full-stack web app for team policy and document management.
- Worked in an **agile environment** with daily stand-ups and kept track of bugs in **GitHub** projects.
- Led design and development model in **HTML**,**CSS**, **JavaScript**, **Bootstrap**, and **SlimSelect**.
- Automated the Backend and database with **NodeJs**, **ExpressJs**, and **Firebase** and used **Multer** for Multimedia upload.
- Nice to have experience in **REST APIs** and **Middlewares**.

ACHIEVEMENTS

DATATHON'22 | A National level Hackathon
- Collaborate with a team of 4 and resolve real-life issues through machine learning.
- Ended up among the **top 6 teams** from a total of 60+ teams.