

Rafid Hasan

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EDUCATION

AMITY UNIVERSITY

B.TECH IN COMPUTER SCIENCE
May 2024
CGPA: 7.5 / 10.0

CITY MONTESSORI SCHOOL

Grad. May 2020 | Lucknow, India

LINKS

Leetcode:// [hrafid001](#)
Github:// [rafid001](#)
LinkedIn:// [rafidhasan](#)
Twitter:// [hasanrafid](#)

UNDERGRADUATE-COURSEWORK

Object Oriented Design
Operating Systems
Artificial Intelligence
Database Management System
Computer Networks

SKILLS

PROGRAMMING

Languages:

C++ • Java • Python • Javascript
TypeScript • Rust • PHP

Web and Database:

HTML • CSS • MongoDB • PostgreSQL • MySQL

Frameworks:

Nextjs • Bootstrap • ASP.NET Core MVC
• Express

Tech:

Git • Docker • LaTeX • VS Code • Eclipse
• Linux

EXTRAS

- SOLVED 300+ QUESTIONS ON LEETCODE AND GEEKSFORGEEKS
- COMPLETED PYTHON INDUSTRIAL TRAINING AT TEVATRON TECHNOLOGIES, NOIDA, INDIA IN JUNE 2022

PROJECTS

AMAZON SHOPPING WEBAPP | WEBSITE | SOURCE CODE

Jan 2023 – Feb 2023

- Created full-stack Amazon-like e-commerce web app using **Next.js, Redux, and Tailwind CSS**.
- Integrated **Google OAuth** for user sign-in and implemented secure payments via **Stripe payment gateway**.
- Utilized **Google Firebase** for real-time user order history, employing webhooks for live database updates.
- Successfully deployed application on Netlify.

AI-IMAGE GENERATION APP | WEBSITE | SOURCE CODE

March 2023 – April 2023

- Developed and Deployed an AI image generation application using **MERN(MongoDB, Express.js, React, Node.js) stack**. Integrated the **OpenAI API** to generate image as per the user input.
- Developed intuitive Next.js front-end for seamless AI interactions, backed by Node.js and Express.js for robust data handling.
- Implemented secure user authentication and authorization for data privacy.

CRYPTOVERSE | WEBSITE | SOURCE CODE

Jan 2023 – Jan 2023

- Developed a **cryptocurrency tracking app** using **React** that allows users to view real-time prices and market data for major cryptocurrencies like Bitcoin and Ethereum.
- Integrated **RapidAPI** endpoints for live price data, news articles, and crypto exchange info.
- Employed **React-Router** to enable multi-page browsing for prices, news, and exchanges.
- Utilized React hooks (useState, useEffect, useContext) to manage state and fetch API data in components.

SENTIMENT ANALYSIS | SOURCE CODE

July 2022

- Trained a model to analyze amazon reviews and classify them into **positive, negative and neutral reviews**.
- Plotted the result as various graph using python's matplotlib library.
- Gained knowledge about **stemming, CountVectorizer, TF-IDF vectorizer**.

RESEARCH WORK

WALLSTREETBETS STOCK RESEARCH POSTS CLASSIFIER | RESEARCHER

Jan 2024 – Present

- Preprocessed large amounts of data after retrieving them with the **Reddit API** and labelled the data with the growthpercentage of a stock associated with each post(**Python, Spark RDD/DataFrame, SparkNLP**).
- Trained a model with the **Naïve-Bayes algorithm** which can detect if a reddit stock post is good or bad with 70% accuracy. It proved good enough to be used as a recommender(**scikit-learn**).
- Will create a website to make the access to stock research easier. Aiming to help busy retail investors quickly filter out the best stock trends.