Raajveer Khattar

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EDUCATION

Manipal University Jaipur   CGPA - 7.46/10
B.Tech in Computer Science and Engineering   *Aug 2019 – July 2023*

PROJECTS

Trade Journal | *Python, Flask, SQLite, Jinja, Google Charts*
- The Trade Journal is a web-app that lets its users tabulate their trading portfolio and visualises it for them, all in a clean, minimal and secure manner.
- Developed a User Login & SignUp page, that creates a unique User ID whenever a new user signs up, which can then be used to login to the system.
- Also implemented an option to reset a user's password by setting up popular email services' SMTP servers.
- Implemented various trade types, states and instruments such as Short, Long, Equity, Futures, Call, Put etc. The user has an additional option to update their trades as they desire.
- Made use of Google Charts library to plot bar graphs and pie charts, depicting various statistics of a particular user's portfolio.

Virtual Mouse - Computer Vision | *Python, opencv, mediapipe, autopy*
- Using Google's Mediapipe framework and OpenCV library for Pyhton, I built a Hand Tracking module that utilizes the laptop's webcam to track upto two hands.
- After testing the tracking algorithm on multiple people, I then used the said module to build a GUI application using "autopy" that mimicked mouse movements by tracking my fingers.
- With the application, a person can successfully move the cursor around and operate the left-click of a mouse, by moving their fingers within the camera's field of view.

Get Back To Work | *JSON, Javascript, 'icanhazdadjoke'-API*
- GetBackToWork is a chrome extension that blocks all of the social media websites.
- I've always been fond of cool chrome extensions and that's what inspired me to make one myself. This extension, if enabled, blocks the webpage of al social media sites and displays a custom HTML with a random dad joke.
- The chrome extension is based on the Manifest Version 2.0 and calls the "icanhazdadjoke" API that returns a random joke everytime it is called by the extension.

EXPERIENCE

Flask Front End Developer Intern   Feb. 2023 – June 2023
Veeral Patel   *Limda Lane, Jamnagar*
- I joined Mr. Veeral Patel as a Front-End Developer for their newest venture in the FinTech space.
- The platform's front-end was Vanilla Javascript, the back-end was written in Python-Flask, it used SQLite for the database and Chart.js as its primary visualization library.
- Majority of my job revolved around implementing and testing logic for the trade types and tickets, as well as querying the necessary information for visualization of a user's trade portfolio.

TECHNICAL SKILLS

Languages: Java, Kotlin, Python, C/C++, JavaScript, HTML/CSS
Database: MySQL, SQLite, PostgreSQL
Developer Tools: Git, Android Studio, Visual Studio Code, PyCharm, Eclipse, Jupyter, SQL Workbench, XAMPP, Netlify, Heroku
Frameworks & Libraries: ReactJS, NumPy, JUnit, PandaS, Guava, Flask, Node.js, Express.js, OpenCV
Design Tools: Adobe Photoshop, Adobe After Effects, Adobe Illustrator, Adobe XD, Figma