Arsal **Jafri**

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EDUCATION

University of Houston | *Bachelors of Science in CS*   2026
- Cumulative GPA: 4.00
- Relevant Coursework: Intro to Programming with C++ and Python, Computer Architecture and Organization, and Data Structures.

EXPERIENCE

True Power | *Operational Analyst*   June 2022 – July 2022
- Managed over **1000** accounts and increased companies efficiency by **10**% .
- Worked with a small team to increase workflow and software operations to meet client requirements and ensure efficient service delivery.
- Analyzed operational data to identify trends and bottlenecks, resulting in the implementation of data-driven strategies that improved service response times by **15**% .

SKILLS

Language: C++, C#, Python, HTML, CSS, JavaScript, and SQL.

Tools: Unity, Git, PowerBI, Vercel, Netifly, MySQL, Vite, Azure, Render and LaTex.

Frameworks/Libraries: MongoDB, ReactJS, NodeJS, ExpressJS, NumPy, and KaboomJS.

PROJECTS

Recipe Management App   December 2023-March 2024
- Developed a full-stack Recipe Management Application using React for the frontend and Node.js with Express for the backend. This application allows users to create, manage, and save recipes, providing a seamless experience for recipe management.
- The application is optimized to handle numerous recipes and still remain fast, with a total CPU time of **656 ms**, a FCP score of **1.2s** and a speed index **1.7s** ensuring a smooth and responsive user experience. The application features user authentication, recipe creation, and management functionalities, providing a comprehensive solution for recipe enthusiasts.

Random Image Subtitle Application   June 2024- August 2024
- Developed a web application using JavaScript and ReactJS that allows users to add customizable subtitles to meme images. This project features an interface where users can input text for both the top and bottom of the images.
- Implemented a functionality that randomly displays images from a dataset, providing an engaging user experience. The application's responsive design ensures optimal performance across various devices.

Automated URL Opener   July 2024- August 2024
- Developed an Automated script with Python to streamline accessing multiple predefined URLs based on user input. The script allows users to choose from different sets of URLs, for work, or personal use, using command-line arguments or interactive prompts.
- It features dynamic URL management, robust error handling, and logging capabilities to ensure reliable operation and facilitate troubleshooting.