

Tamzid Alam

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Houston, TX 77030

SKILLS

- Python
- Java
- JavaScript
- C#
- C/C++
- Node.js
- Django
- React
- Express.js
- Oracle
- MySql
- HTML/CSS

EXPERIENCE

07/2023 - Present

Software Engineer, The Jockey Club - Lexington, KY

- **Application Redesign:** Spearheaded the migration from older technologies to Angular, enhancing application efficiency and maintainability.
- **API Call Optimization:** Reduced API calls, achieving a 2x improvement in response time and overall system performance.
- **Search Result Enhancement:** Implemented advanced filters to refine and improve search functionality for a more user-friendly experience.
- **Database Optimization:** Continuously optimized database calls to enhance application speed and responsiveness.
- **Bug Resolution:** Identified and resolved existing bugs, ensuring a stable and reliable application.
- **New Module Implementation:** Introduced a new module for displaying Horse Microchip data, expanding application functionality.

Tools: Angular, Spring Boot, Git.

01/2022 - 03/2022.

Research Assistant, University of Houston, Houston, TX

- **Simulation Design:** Designed and developed a Covid Data simulation.
- **Covid Data Prediction:** Utilized the fbprophet library to predict Covid data in specific zip codes with high accuracy using a minimal dataset.
- **Dashboard Creation:** Constructed a data presentation dashboard using Streamlit and used Google Places API for maps.

Tools: Python, Streamlit, Google Places API

EDUCATION

08/2021 - 05/2023

Master of Computer Science,
University of Houston, Houston, Tx

09/2017 - 10/2020

Bachelor of Computer Science,
American International University-Bangladesh, Dhaka, Bangladesh
GPA: 3.98/4. **Summa Cum Laude.**