HUA (TOMMY) ZHANG

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SUMMARY

- Three years of experience in both Front-end and Back-end development.
- Proficient in database design, optimizing data structures to enhance performance and efficiency.
- Experienced in Linux server administration, ensuring scalable and reliable hosting solutions for applications.
- Demonstrated effectiveness as a communicator, assertive manager, and collaborative team player, contributing significantly to successful project outcomes.

EDUCATION

Bachelor of Computer Science   **May 2022 – May 2024**

Florida International University | *Miami, FL | 2022 – 2024*

Bachelor of Computer Science   **Aug 2019 - Dec 2021**

St. Thomas University | *Miami Gardens, FL | 2019 - 2021*

RELEVANT SKILLS

- Programming Languages: HTML, CSS, JavaScript, TypeScript, SQL, PHP, Python, Java
- Frameworks: React, Django, Express, Next.js, Vue
- Others: Vite, Redux, Celery, Redis, Ant Design, Prime React, MongoDB, GitHub, Docker, AWS, Nginx, Wireshark, Postman, Git, MySQL, PostgreSQL, WordPress

EXPERIENCE

JFK Trading | *Full Stack Developer | Miami, FL*   **Feb 2024 – Present**

- Identified and resolved intricate issues within existing web applications to optimize performance and enhance user experience.
- Collaborated cross-functionally to integrate new features, thereby improving application functionality and boosting user satisfaction.
- Architected and developed a new web application aimed at automating workflows for the e-commerce management department.

Hair Nature Inc. | *Full Stack Developer | Miami Gardens, FL*   **Dec 2022 – Jun 2024**

- Developed a comprehensive warehouse management system using React, Redux, Express, and MySQL. Optimized functionalities included inventory tracking, sales statistics, order management, and role-based access control.
- Integrated online and in-store sales platforms to ensure seamless management of sales channels. Implemented strategic enhancements that resulted in a notable 30% increase in revenue during peak seasons.
- Engineered a user-friendly interface and implemented workflow automation, significantly streamlining daily operations for employees. This initiative led to increased productivity, reduced errors, and improved overall efficiency.
- Implemented advanced data analysis tools to extract actionable insights from sales and operational data, enabling data-driven decision-making within the company.

NI Furniture | WordPress Developer | *Doral, FL*   **May 2021 – Jul 2021**

- Created and launched the website (https://nifurnituremiami.com/) on the WordPress platform.
- Customized and integrated plugins for efficient product management, product display, and booking visit functions.
- Implemented SEO best practices, optimizing content with relevant keywords and tags to enhance search engine visibility and user engagement.

PROJECTS

Golden Rice Bowl | Full Stack Developer | *Fort Lauderdale, FL*   **Aug 2022 - Oct 2022**

- Designed and developed a user-friendly ordering application using Next.js, Node.js, and MySQL.
- Addressed customer pain points by introducing an innovative ordering system, significantly reducing wait times during peak hours.
- Integrated the application with iPads and printers to facilitate real-time information delivery within the restaurant environment.

St. Thomas University | Summer Research Assistant | *Miami Gardens, FL*   **Aug 2021 – Oct 2021**

- Collected data on Twitter using Jupiter Notebook and Python.
- Performed regression and correlation coefficient analysis to test the original hypothesis.