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Portfolio: <https://luke-portfolio.vercel.app/>

EDUCATION

Bachelor of Science in Computer Information Systems | University of Houston | Houston, TX | May 2023

RELEVANT COURSES

- Information Systems Analysis & Design
- Database Management
- Advanced Information Systems Development
- Database Administration & Implementation
- Enterprise Application Development
- Secure Application Design

SKILLS

- Programming languages: JavaScript, Python, HTML, CSS
- Web development frameworks: React, Express, Flask
- Databases and SQL: MySQL, MongoDB
- Version Control: Git
- REST API principles and HTTP methods (GET, POST, PUT, DELETE)
- Front-end libraries: Bootstrap, Tailwind CSS

PROJECT EXPERIENCE

Application Design & Development for Barbershop Client, Spring 2023

- Designed and developed a scheduling website for a local barbershop using Express and Flask frameworks for the frontend and backend respectively.
- Implemented a MySQL database hosted on AWS for storing customer, employee, appointment, and service data, incorporating CRUD operations.
- Developed APIs and endpoints to fetch information from the MySQL database, enabling dynamic content for web pages.
- Created a modern UI with Bootstrap, providing users with easy navigation for scheduling, canceling, and managing appointments.

Personal Portfolio Website, Fall 2022 – Spring 2023

- Constructed a personal website using React to showcase skills and web development projects.
- Designed a clean and modern user interface with Tailwind CSS, optimized for various screen sizes.
- Incorporated React Scroll and React Router libraries to enable smooth scrolling and navigation between components.
- Implemented a contact form with EmailJs integration for users to submit inquiries directly.
- Utilized React Toastify library to display notifications and alerts for clear user feedback.

Business Analyst and Database Design, Fall 2021 – Spring 2022

- Analyzed sample data, developed reports, and designed a discharge summary report based on user input from different documents.
- Collaborated with project clients to understand business goals and needs, ensuring the project aligned with their requirements.
- Created SQL database and wrote MySQL scripts to establish tables and insert data from user input documents.
- Organized user data into entities and attributes, assigning primary and foreign keys to ensure data integrity.
- Developed Entity Relationship Diagrams to visualize data flow between entities during business operations.

CLIENT SERVICE EXPERIENCE

Associate at CINCO Fit Gym, Dec 2022 - present

- Enhanced communication and interpersonal skills through effective and timely responses to customer inquiries via email, text, and in-person interactions.
- Demonstrated multitasking abilities by managing customer inquiries, maintaining gym facilities, and scheduling appointments.