Zeeshan Hussain, Software Engineer

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SKILLS

- Proficient in Java, Python, C++/C
- Skilled in front-end HTML, CSS, PHP, JavaScript, Ajax
- Proficient in SQL for database management: Demonstrated ability to write complex SQL queries for data extraction, manipulation, and analysis. Experienced in designing and maintaining relational databases, optimizing database performance, and ensuring data integrity and security.
- Skilled in systems and data analysis, proficient in interpreting complex data sets to drive effective decision-making and improve system efficiency.
- Experienced in project management, overseeing and coordinating tasks to ensure successful project completion.

EXPERIENCE

Software Engineer Intern

Vibrant Dynamics June 2023 - Present, US, D.C., Washington

- Assisted in the development and maintenance of mobile applications for iOS, Android, and Windows platforms, gaining valuable experience in the mobile revolution.
- Participated in collaborative efforts with the SEO team to optimize targeted keywords and increase website traffic, learning the basics of SEO.
- Contributed to the creation, development, and optimization of websites, gaining exposure to website design and enhancement techniques
- Supported the provision of quality BPO solutions, learning the fundamentals of customer relationship management.
- Assisted in social media marketing efforts to increase brand awareness, connections, and website traffic, gaining insights into social media strategies.
- Aided in providing reliable web hosting solutions for companies and individuals, gaining exposure to web hosting technologies and services.

PROJECTS

Chat with PDF using AI

- In this project, I utilized my Python programming skills to develop an interactive web application using the Streamlit library. The application allows users to upload PDF files and ask questions about the content of these files.
- I integrated Google's Gemini-Pro AI model to generate embeddings for the extracted text from the PDF files. These embeddings were then used to answer user queries based on the content of the PDFs.
- The entire backend of the application was coded in Python, demonstrating my proficiency in handling data, developing algorithms, and integrating AI models. This project showcased my ability to leverage Python for developing complex, real-world applications that combine web development and AI technologies.

Website using HTML, CSS, PHP, and Javascript

- Engineered a comprehensive website from scratch for an animal adoption service.
- Designed and implemented a user-friendly interface with HTML and CSS, tailoring the website to meet the specific needs of the animal adoption service.
- Utilized PHP and JavaScript to create dynamic web pages, enabling users to view and interact with a wide range of adoptable animals.
- Developed a secure login system with session tracking to provide personalized user experiences and ensure the privacy and security of user data.
- Integrated a database storage system to efficiently manage and update information about user profiles, adoption records, and more.

Navigation Application

- Developed a Java-based navigation system featuring address search functionality and real-time route planning from the current location.
- Utilized GUI systems to enhance user interaction and provide a seamless navigation experience.

Puzzle Games

- Developed Tic Tac Toe, Sudoku, crossword puzzles, and Solitaire games using Java as a hobby.
- Implemented game logic and user interfaces for each game.
- Utilized Java programming concepts to create engaging and interactive puzzle game experiences.

EDUCATION

University of Maryland, Baltimore County, Baltimore, MD - Bachelor of Science in Information System

University of Maryland · US, MD, Baltimore · 2024

· Graduated May 2024

Montgomery College, Rockville, MD - Associate of Arts in Computer Science

Montgomery College · US, MD, Rockville · 2019

· Graduated December 2019