

Hugo Eleasar Benavides

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Summary

A Bilingual Full Stack Web Developer with expertise in designing and building scalable web applications using modern technologies like React, Node.js, TypeScript, and Tailwind CSS. Skilled in front-end and back-end development, I excel at creating seamless user experiences and efficient server-side functionality. Passionate about solving complex problems and delivering innovative solutions that drive business success.

Project Experience

Android Studio Apps · Created an Android Calculator Application using Kotlin in Android Studio. Implemented basic arithmetic operations (addition, subtraction, multiplication, and division) as well as advanced features such as square root, memory functions, and error handling.

- Designed and developed a high-performance Xbox 360 Emulator for Android devices, enabling users to select Xbox 360 games on smartphones and tablets through assistance of the Java Virtual Machine.

Developed a Social Media Application

- Developed a dynamic social media application utilizing TypeScript, Java, CSS, and Tailwind CSS, leveraging React frameworks and Node.js features for seamless front-end and back-end integration.

Pokémon Database

· Collaborated with team of 3 to create protocol using Microsoft MySQL creating this all-in-one Pokémon database marks a big leap toward making Pokémon information more manageable and useful. The database was populated with 500 entries with detailed information for individual elements.

Cybersecurity Experience

- Assessed the Network with Common Security Tools, Defended the Network from a Simulated Attack, Designed a Secure Network Topology, Configured the Windows Defender Firewall, Monitored and Logged Network Traffic, Configured Custom Firewall Rules with pfSense, Configured a VPN Server with pfSense, Configured a VPN Client for Secure File Transfers, Analyzed Network & Wireless Traffic with Wireshark.

Professional Experience

Amazon Warehouse - Amnesty Floor Monitor (Houston, Texas) July 2021 - May 2024

· Maintained 80+ robots floor operators clearing floor of obstructions, rebooting drives and clearing jams. Maintained robotics drives and bins by clearing crashes, clearing objects underneath drives, reporting heavy situations to maintenance leading to a 14% efficiency increased. Coded Diagnostic tools and interfaces.

Developed a working PHP & HTML website for my business using JavaScript and CSS.

Education - University of Houston – Downtown (December 2024) Houston, Texas - Bachelor of Science: Computer Science - Full Stack Web Developer and Cybersecurity

Technical Skills

Expertise building client-side web applications with JavaScript, HTML, and CSS. Expertise with JavaScript single page apps using React/Redux & TypeScript. Expertise with CSS3 and using SASS. Experience consuming and developing RESTful APIs. General knowledge of networking protocols HTTP/1 & HTTP/2 (GET, POST), cookies and other HTTP headers. Experience working with database technologies (Mongo, Redis, S3)