Nabil Sabar

Junior Full-Stack Web Developer

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Profile

I am a passionate Full-Stack Web Developer with a strong foundation in coding and designing web systems. My expertise spans from front-end technologies such as HTML, CSS, and JavaScript (both legacy and ES2022) to back-end technologies including PHP and MySQL. My goal is to leverage these skills to develop and maintain both legacy systems and modern applications, transforming outdated code into efficient, up-to-date solutions.

Skills

Frontend: HTML, CSS, JavaScript (ES2022 and Legacy)

Backend: PHP (Procedural Method, Familiar with Object-Oriented PHP)

Database: MySQL

Framework: Basic Bootstrap

Web Development Tools: Chrome DevTools, AJAX, Fetch API, phpMyAdmin, Terminal

Version Control/Deployment: Git, GitHub, Heroku

Others: MS Teams, MS Excel, MS Word, MS Outlook, Canvas

Projects

The Language Quiz

- Used Prepared Statements and special character formatting to securely insert user data into the MySQL database, protecting against SQL injection attacks.
- Employed console.log statements for error handling and debugging throughout development.
- Utilized JavaScript Object Arrays to hold language data and implemented loops and asynchronous functions for smooth user interaction.
- Utilised database tables and executed SQL queries in phpMyAdmin to test, delete and validate inserted data at each stage of implementation. Regularly created backup files to prevent setbacks during code refinement and structural improvements.
- Developed a live score feature using Procedural PHP for server-side processing, AJAX for asynchronous data retrieval from MySQL database, and Fetch API to ensure complete form submission before displaying final results.
- Created a dynamic top 7 score table that extracts scores from the database, showcasing the top 3 scores with distinctive gold, silver and bronze highlights.

Ecommerce 'The Scent' Store

- Implemented features to populate and fetch products from the database, simulating real-life e-commerce scenarios. Used the fetched results to create a HTML table of purchased perfumes, calculating quantities and product prices to generate a receipt.
- Utilized Chrome DevTools for debugging and resolving critical issues, significantly enhancing website performance, visuals aesthetics, and overall user experience.
- Created site layout CSS Grids and Flexboxes, ensuring responsiveness with media queries. Included CSS animation and hover effects for an interactive user experience.
- Used a foreign key to create referential integrity between the cart and stocks table automatically deleting discontinued perfumes from carts table . Ensured an alias is set to automatically paste perfume ID and name in the stocks table. Displayed reserved stocks on the HTML homepage using PHP.
- Created a search bar and reset button using JavaScript and PHP. Developed an 'Add To Cart' button with PHP, reducing stock levels in the database upon click. Reserved items are added to the cart table for future retrieval.

My Portfolio Website

- Deployed both the front-end and back-end of the website using Git and the terminal to Heroku, and managed MySQL data with clearDB for portfolio projects.
- Implemented responsive design techniques for optimal viewing across PC, IPAD and Mobile devices, adjusting text layout, typography, and design elements for each device view.
- Employed best practices for code organisation including consistent spacing per section, adhering to naming conventions, and using comments for enhanced readability and maintainability.
- Used CSS Grids for flexible row structure, simplifying the management of sections and divs.
- Utilized Flexboxes and multiple classes to design project and skill cards, enabling easy updates and modifications without requiring extensive CSS adjustments when adding new elements.

Education

September 2012 - June 2014

Loreto College – BTEC Extended National Diploma Level 3 in Information Technology (3 Distinctions)

September 2008 - June 2011

Chorlton High School – 7 (A - C's) Including ICT, Maths, English and Science