Ahmed Abduljader

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EDUCATION

York University — Toronto, ON
Bachelor of Science Honours in Computer Science — *Expected Graduation April 2027*

Relevant Coursework
Discrete Mathematics, Intro to Programming C# and Python, Front-End Web Development, Software Design Modelling

TECHNICAL SKILLS

Languages: Java, Python, PHP, MySQL, JavaScript, HTML & CSS, C#
Frameworks: React.js, Node.js, Express.js, Flask
Databases: MySQL, MongoDB, Mongoose (ODM for MongoDB)
Developer Tools: Git & GitHub, Render, Vite, Clerk, Mailtrap, Postman, Figma

PROJECTS

Ecommerce Web App | Documentation | *JavaScript, React, Html, Css* — Jan 2024 – Present
- Developed a Front-End web application using JavaScript and Fetch serving a REST API with potential for React integration for a future framework
- Developed a responsive web application for various user Screens.
- Implemented asynchronous fetch requests, demonstrating proficiency in handling API interactions and data manipulation.

Testing/Automation Web Scraper | Documentation | *Python, Selenium* — Jan 2024 – Present
- Created a Python script using Selenium to automate interactions with an e-commerce web application, showcasing proficiency in test automation and enhancing overall testing efficiency
- Streamlined testing processes by developing a Python script using Selenium, boosting efficiency in repetitive tasks.
- Enhanced the reliability of the automation tool by incorporating error-handling mechanisms and a continuous loop structure, ensuring smooth execution and consistent performance during prolonged testing sessions.

Client Database CRUD | Documentation | *PHP, MySQL, BootStrap, Apache* — Jan 2024 – Present
- Accomplished efficient client data management in a web application by developing PHP scripts to handle CRUD operations, ensuring seamless user interactions
- Accomplished this by implementing SQL queires to fetch and manipulate client data in the MySQL database, enhancing the overall responsiveness of the application
- Streamlined the client data editing process by implementing an intuitive interface using PHP and Bootstrap, resulting in a user-friendly experience

Weather App | Live Website | *JavaScript, Html, Css* — Jan 2024 – Present
- Accomplished efficient data retrieval from OpenWeatherMap API by implementing asynchronous fetch requests in JavaScript, Measured by reduced latency and enhanced real-time weather information
- Implemented error-handling mechanisms to gracefully manage potential API request failures, ensuring a smooth user experience and demonstrating a proactive approach to handling unforeseen circumstances
- Created a responsive design for the Web App, guaranteeing optimal viewing and functionality across devices, as measured by the use of CSS media queries and flexible layout techniques

CERTIFICATIONS

Responsive Web Design By: FreeCodeCamp, Used HTML and CSS to create Responsive webpages including a personal portfolio for the final project.
Introduction to APIS in Google By: Coursera, Used Google APIS, REST, RESTful APIS, JSON, To learn the architecture and basic functioning of Application Programming Interfaces.