Syed Waleed Masoom

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Professional Experience

- 2+ years of full stack web development experience
- Developed and deployed modern applications using an agile methodology and object-oriented approach through use of a custom internal PHP MVC framework and relational databases.

Technical Skills

Languages:	PHP 7, HTML, CSS, jQuery, JavaScript/TypeScript, SQL, React.JS, REST APIs, Node.js, Python
Tools:	Visual Studio, NetBeans, Toad for Oracle, CI/CD, Git, MySQL, Notepad++, Sublime Text, MATLAB, Unix Environment (cURL, Bash)

Professional Experience

De Havilland Aircraft Company of Canada Toronto, ON
Engineering Technologist Present
Jr. Software Engineer May 2019 – Mar 2020

Technologies used: Custom PHP 7 MVC framework, Node.js, HTML5, CSS3, Bootstrap 3, Animate.css, jQuery, AJAX, JavaScript, Oracle 12, MS Access 365, MS Access 97, SQL, VBA, Unix Environment

- Saved 20% of engineering hours per project by designing and implementing web applications.
- Reduced report generation time by 65% and errors by 50% by automating CRM process.
- Increased error debugging efficiency by 70% by creating new error controller.
- Boosted development efficiency by 30% by centralizing standard HTML element generation code.
- Increased intern onboarding efficiency by 60% by development of an intern tracking application
- Expedited production deployment by 50% by automating deployment with scripts

Bombardier Commercial Aircraft Toronto, ON
Jr. Software Engineer May 2018 – May 2019

Technologies used: Custom PHP 7 MVC framework, Node.js, HTML5, CSS3, Bootstrap 3, Animate.css, jQuery, AJAX, JavaScript, Oracle 12, MS Access 365, MS Access 97, SQL, VBA, Unix Environment

- Improved KPI report generation time by 90% and staff effort by 40% by automating governance
- Decreased team paperwork for projects by 70% by creation of a Wiki web module for documentation
- Enhanced FTP modules to cut down manual effort by 90% by adding a recursive search feature
- Saved 20+ hours per project by creating Access application to replace restricted materials excel file

Projects

Twitch Overlays for Streamer (github.com/Waldeedle/UHNTwitch-Sub) Aug 2020 – Oct 2021
- Developed a real-time alert widget for Twitch's REST API through WebSocket protocols passed by Stream Labs API, incorporated animations for client media assets using JavaScript, jQuery, and CSS3.
- Updated overlay to utilize Stream Elements API instead of Stream Labs and refined code to further reduce resources used during runtime.

EDID Change for Monitor Dec 2021
- Used Linux terminal environment with a custom BIN file to update monitor's EDID to allow PS5 to run at the desired resolution of 1080p@120Hz as the PS5 needed it explicitly written in the monitor EDID.

Education

Master of Applied Science (MASc.), Algorithms and Robotic Systems Expected Sept 2022
Ryerson University Toronto, ON
Bachelor of Engineering (B.Eng.), Aerospace Engineering Sept 2015 – Jun 2020
Ryerson University Toronto, ON