Jason Liu

Full-Stack Developer | Jasonliu97424@gmail.com

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PROFILE

Technical Skills

- ❖ **Front-end:** Mastery of front-end technologies such as HTML, CSS, and JavaScript, as well as proficiency in popular front-end frameworks and libraries such as React and Vue.
- ❖ **Back-end:** Strong proficiency in .NET, Python, PHP and Node.js
- ❖ **Database:** Proficiency in working with databases such as MySQL, SQL Server, Firebase etc. including the ability to design and optimize database structures, write complex queries, and perform database administration tasks.
- ❖ **Server-side frameworks**: Familiarity with .NET (C#), FastAPI (Python), Express (Node.js) frameworks, and the ability to develop server-side applications using these frameworks.
- ❖ **API development and integration**: Experience in designing, developing, and integrating RESTful APIs, including the ability to implement authentication, authorization, and data validation in API development.
- ❖ **Continuous Integration:** Proficient in using TeamCity, Jenkins, Azure DevOps, and Bitbucket/GitHub/GitLab for continuous integration and deployment workflows.

Soft Skills

- ❖ Passionate problem solver, fast learner, and critical thinker
- ❖ Comfortable working in an agile development environment, collaborating effectively with cross-functional teams, and adapting to changing requirements and priorities.
- ❖ Diligent in ensuring code quality, debugging, and error handling in development tasks.

EXPERIENCE

Orispark Inc.
Jan 2021 > Current

World Vision Canada
Sept 2019 > Aug 2020

Pixelbot Inc.
Jan 2019 > April 2019

Full-Stack Developer

- ❖ Design and analyze software systems for supporting Enterprise Resource Planning (ERP) applications. This involves encoding, testing, and debugging to ensure optimal performance.
- ❖ Collaborate with cross-functional teams to design, develop, and maintain .NET applications using C# programming language.
- ❖ Develop Web APIs using Python and FastAPI while designing and manipulating databases, creating user authorization and privacy encryption, and building reusable components.
- ❖ Implement front-end web development using React to create dynamic and interactive user interfaces.
- ❖ Worked in an Agile development environment, participating in daily stand-ups, sprint planning, and retrospective meetings.
- ❖ Conducted code reviews and resolved issues ensure code quality

Technology Researcher & Developer (Co-op)

- ❖ Collaborated in an Agile environment, utilizing Azure DevOps to build web-based business applications for the estimating team.
- ❖ Built full-stack applications utilizing various technologies including PHP, MySQL, JavaScript, Azure API, Node.js, and Angular8.
- ❖ Designed, developed, and tested applications according to established standards to ensure optimal performance and user experience.
- ❖ Researched and adopted new technologies, frameworks, and best practices to stay up-to-date with the latest trends in web development.
- ❖ Participated in PI Planning with the development team, researching and advancing solutions to improve efficiency for internal teams.

Web Developer (Co-op)

- ❖ Worked with startups and large organizations on a variety of projects, ranging from mobile/desktop experiences to service design.
- ❖ Created and executed original visual design concepts in HTML, CSS, PHP, and JavaScript based on WordPress and Shopify platforms.
- ❖ Work collaboratively with other developers via Git

EDUCATION

Sheridan College
Sept 2017 > Dec 2020

Advanced Diploma of Software Development and Network Engineering
Cumulative GPA: 3.6/4.0

PROJECTS

Sept 2021 > Dec 2022

The 'DAO' Quartet Management System

❖ Successful implementation of an internal communication and collaboration system for a global corporation, improving team collaboration, information sharing, and productivity.

❖ Conducted comprehensive analysis of existing communication and collaboration processes, identified gaps, and developed strategies for system selection, customization, and deployment.

❖ Collaborated with cross-functional teams, including IT, human resources, and department heads, to gather requirements, define system specifications, and ensure smooth integration of the internal communication and collaboration system.

❖ Managed system configuration, data migration, and user training, ensuring seamless adoption of the new system by employees across different locations.

❖ Monitored system performance, resolved issues, and provided ongoing support to ensure efficient internal communication and collaboration operations.

Development Technologies: C# .NET, RESTful API, React, MySQ, Docker

Oct 2019 > Jun 2020

Tools Inventory Management System

❖ Developed a system for the Africa Rwanda community to manage donated trade tools and workspaces.

❖ Implemented features such as online sign-out and sign-in of tools, reservation of workspaces, putting tools on hold, tracking late fees, and generating customized reports.

❖ Led the full lifecycle development, including requirement gathering, design, coding, testing, documentation, and implementation.

Development Technologies: Wampserver64, PHP, MySQL, JavaScript, HTML, CSS,Bootstrap Library and HeroKu.

View Details

Oct 2019 > Dec 2019

Video Intelligence

❖ Transcribed recorded audio to text, and identified objects in the scene (e.g. bike).

❖ Added the text and identified objects to the video metadata, which can be uploaded to the internal resources website.

Development Technologies: Angular Framework, Node.js, Google video intelligence API and Firebase database.

View Details

April 2019 > Aug 2019

Nerd Overflow Forum

❖ The Nerd Overflow forum is a well-defined, fair, and civilized web application for academic discussions across different areas.

❖ Its purpose is to provide a platform for users to share their academic opinions, information, and expertise, with the goal of fostering knowledge exchange.

Development Technologies: C#, ASP.NET, JavaSript and MS SQL Server.

View Details

CETIFICATE

Sept 2020

Managing Big Data with MySQL

Issuing Organization: Duke University | Coursera

See Credential