

William Wan

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TECHNICAL SKILLS

Language: **Java, JavaScript, C#, PHP, Python**

Front End: **HTML, CSS, React, Vue, jQuery, Bootstrap, Ajax, Thymeleaf, WPF, Razor Pages (ASP.Net Core)**

Back End: **Spring Boot, MVC, Node.js, Express, .NET, Flask**

Databases & Testing: **MySQL, Microsoft SQL Server, SQLite, NoSQL, Postman, JUnit, Swagger2**

Web Services & Cloud Services: **RESTful API, AWS, Virtual Machine**

EDUCATION

John Abbott College — *Full Stack Development Program*

Sep 2022 – Present, Montreal

- Intensive full-stack development program with hands-on projects
- Dean's List for Academic Excellence

University of Montreal — *Master of Laws*

Sep 2014 – Sep 2015, Montreal

PROJECTS

Code Secure

- Integrated with: **React, Node.js, MySQL**
- Using **Azure AD B2C** as authentication and PayPal react components as **micro-service**.
- Collaborated with a cross-functional team to manage version control using **Git** and implemented **CI/CD** pipelines with **Azure DevOps** to automate code deployment to **Azure Repos**.

Online Ordering and Management System

[Open Source](#)

- Integrated with: **PHP, JavaScript, Bootstrap, MySQL, DOM API, Ajax**
- A web application that includes login & registration functionalities with input validation using REGEX. It features separate login portals for administrators and customers, ensuring secure access and role-based privileges.
- The registration process utilizes Ajax for username suggestions and form validation for a smoother user experience.

Real-time Chat

[Open Source](#)

- Integrated with: **Node.js, Express, React, Chat UI, Axios, ChatEngine APIs**
- A full-stack chat app which could support group chats, 1-on-1 chats, real-time messaging, image, and file transfer support, read receipts and more.

Permission Management System

[Open Source](#)

- Integrated with: **Spring Boot, MyBatis Plus, Spring Security, Vue, MySQL, Redis, ElementUI, RESTful API**
- Developed a front-end and back-end separated project with **Swagger**-generated API documentation.
- Utilized **Spring Security** for role-based access control, leveraging **Redis** caching for efficient authority management. Implemented **AOP** for logging user activities and user login information.

WORK EXPERIENCE

Full Stack Developer Internship - Idahys

Aug 2023 – Present, Montreal

- Using Agile methodology involves creating a product backlog, breaking down tasks into user stories, creating sprints, tracking tasks with Jira, conducting daily Scrum meetings, and conducting sprint reviews every two weeks.
- Demonstrated proficiency in front-end development to deliver seamless user experiences and robust functionality.

Quality Assurance Analyst - Brain Finance

Dec 2021 – Jun 2022, Montreal

- Designed and executed test plans and cases using Atlassian tools (JIRA, Confluence) for comprehensive documentation and progress tracking.
- Demonstrated proficiency in executing testing against various web, iOS, and Android applications.

Fraud and Credit Risk Analyst - Brain Finance

Aug 2019 – Dec 2021, Montreal

- Conducted research, analysis, and documentation of account activity to minimize fraud exposure.