

EDUCATION

BACHELOR OF COMPUTER SCIENCE

Concordia University, Montreal QC
September 2018 – December 2022

SKILLS

PHP, MySQL, HTML, CSS, JavaScript, jQuery, JSON, AJAX, Java, C#,
Laravel, MAMP, SVN/Git, Eclipse, VS Code, Redmine: Proficient
Vue.js, Wordpress: Intermediate

EXPERIENCE

FULL-STACK DEVELOPER (Contract)

Centre for the Study of Learning and Performance (CSLP), Montreal QC
March 2023 – September 2025

- Deployed and maintained web applications using PHP, Laravel, MySQL, HTML, CSS, JavaScript, and Vue.js.
- Participated in the full software development cycle, including planning, development, testing, and deployment.
- Fixed reported bugs and implemented new features in collaboration with cross-functional teams.
- Uploaded test builds to the development (DEV) server via SSH for QA testing of bug fixes and new features.
- Collaborated in peer code reviews, providing feedback that improved code efficiency and maintainability.
- Communicated weekly progress and blockers to the Lead Developer, ensuring clear visibility of ongoing tasks.

PROJECTS

LEARNING TOOLKIT+ (LTK+)

- This project aimed to support the development of literacy, numeracy, information literacy, and self-regulated learning skills.
- Collaborated with the Senior Designer and Senior Developer to identify and implement effective solutions for both reported bugs and new feature requests.
- Maintained the project to ensure compatibility with the latest versions of PHP and MySQL.
- Automated the process of applying updates from readsmanage-svn to ltk-svn using a custom Bash script.
- Used Apache ANT to automate packaging and deployment of builds to the production server.

LTK+ RESOURCES

- The objective of this project was to provide teachers and parents with centralized access to high-quality teaching materials, guides, and printable resources that support the use of the LTK+ software.
- Collaborated with the Graphic Designer to implement a new layout with responsive design for the LTK+ Resources sites.
- Used JSON to structure and store metadata for documents uploaded to the LTK+ Resources site.

READSMANAGE

- Developed a web application to create and manage children's books, supporting literacy education through customizable digital content.
- Upgraded the Laravel version to ensure compatibility with the latest PHP version on the production server.
- Migrated the project from Vue 2 to Vue 3 to take advantage of its modern features and improved performance.
- Converted components from Options API to Composition API to enable better logic reuse and maintainability.
- Generated production builds using `npm run build` and deployed them to the server via SSH.

Visit my portfolio at hoang-vo.netlify.app to view live demos and project showcases.

KEY ABILITIES

- Able to install and configure the latest PHP and MySQL environments locally using tools like MAMP and Homebrew for seamless backend development and debugging.
- Detail-oriented and analytical, with the ability to troubleshoot issues efficiently and deliver clean, maintainable code.
- Strong multitasking and problem-solving skills, with a proactive approach to identifying and resolving development challenges.
- Works effectively both independently and as part of a team, contributing to project goals and continuous improvement.