Jia Xuan Li

Full-Stack Web Developer

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EDUCATION

Vanier College   Aug 2021 - Present
Computer Science Technology, DEC   *Montreal, Canada*
- Comp. Sci. Avg: **97.7%** — Math. Avg: **99.8%** — R-Score: **35.0**
- Relevant Coursework: Web Programming, Web Services, Networks, Databases, Data Structures, Sys. Development.

EXPERIENCE

Software Developer Intern   Jan 2024 – Present
NDT Technologies   *Montreal, Canada*
- Develop **8** web dashboards using PHP, MySQL, HTML, CSS, and JavaScript to enhance functionality.
- Patch security vulnerabilities from **4** legacy systems by performing software upgrades.
- Enhance page response times by up to **20** seconds by debugging and refactoring resource-intensive code.
- Reduce database query times by **99.96%** by optimizing SQL queries through analysis.

Full-Stack Developer (Freelance)   Jan 2023 - May 2023
Unnamed Business in Renovation Industry   *Laval, Canada*
- Reduced manual data entry time by **97%** by collaborating with a 3-member team to develop a user-friendly content-management system in PHP.
- Boosted project success rate to **90%** by using agile methodologies, ensuring efficient teamwork and documentation.
- Achieved a test coverage of **94%** by implementing acceptance tests through end-to-end (e2e) testing in Codeception.
- Reduced risks of authentication attacks by **99.9%** by developing a multi-factor authentication (MFA) system through QR Codes and mobile MFA applications.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, Java, SQL, Rust, C#, C++
Front-end: HTML, CSS, React.JS, Bootstrap, Tailwind CSS, Socket.IO
Back-end: Flask, PHP, Express, Nest.JS
Databases: MySQL, PostgreSQL, MongoDB, Oracle SQL, Microsoft SQL
Tooling: Git, Docker, Jest, JUnit, GitHub Actions, Codeception, Fossil

PROJECTS

Portfolio Website | *React, TypeScript, Tailwind CSS*   Apr 2024 - Present
- Achieve a perfect score of **100%** on **Google's Mobile-Friendly Test** by developing a mobile-first responsive webpage.
- Enable SEO optimization and Google Analytics tracking for efficient performance monitoring.

SaaS Business | *Lua, TypeScript, NextJS, NestJS, PostgreSQL, Docker, Rust*   Jun 2020 – Sep 2023
- Optimized compilation speed by **90%** with a custom-built Lua bundler written in Rust for best performance.
- Reduced deployment time by **80%** by engineering custom CI/CD pipelines in JavaScript with GitHub Actions.
- Generated nearly **$100,000** in revenue by integrating Stripe for automatic payment through a NodeJS application.
- Brought in **8,000** community users by developing an automatic licensing system with a Discord bot.

AWARDS & COMPETITIONS

McGill RoboHacks - Winner (Rank 1/60)
Mar 2023

Concordia WarHacks - Winner (Rank 1/20)
Feb 2023

CAMPUS INVOLVEMENT

Vanier Robotics - Website | *React, Three.JS*   Feb 2024 - Mar 2024
- Developed and modeled the immersive 3D welcome page of Vanier Robotics's 2024 website.