Henry Ta

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Work Experience

Software Developer - Felix Payment System Ltd.

Sep 2021 – Jul 2023   *Vancouver, BC, Canada*

- Developed C++ APIs in Qt Creator to communicate with payment processors (Moneris, Elavon, Heartland, Chase, Amex).
- Performed DevOps tasks utilizing Bamboo CI/CD, Docker, Shell scripting, and Linux CentOS for APIs integration and maintenance.
- Conducted API certification tests in ICC/MVT tool using simulators.
- Led the training of new hires within the Cloud team.
- Acquired API certification from Moneris, Elavon and Chase.
- Successfully executed the first cloud-based transactions in Moneris payment history.
- Managed projects and tracked development progress using Jira, Confluence, Bitbucket, Bamboo, and Sourcetree, showcasing project management skills.
- Tech Stack: C++, Docker, Linux, Shell, Jira, Confluence, Bitbucket, Bamboo.

Computer Science Tutor – Langara College

Jan 2018 – Apr 2019   *Vancouver, BC, Canada*

- Tutored students in "Introduction to Computer Science – CPSC 1050", enhancing their programming concepts and problem-solving skills.
- Developed customized teaching plans and resources tailored to individual student learning styles, resulting in improved academic performance.
- Collaborated with the instructor to assess student progress and adjust teaching methods to address common difficulties.
- Maintained accurate records of student attendance, progress, and feedback, using data analysis to improve future tutoring sessions.

Web Developer - Asia Dragon Software Company Ltd.

Jan 2016 – Apr 2017   *Ho Chi Minh City, Vietnam*

- Developed full stack websites using the LAMP (Linux, Apache, MySQL, PHP) stack.
- Customized WordPress themes and plugins (WooCommerce, Contact Form 7, Elementor, etc) to meet client requirements.
- Conducted software deployment testing in VMware virtual machine, emphasizing quality assurance.
- Provided technical supports to clients.
- Collaborated with colleagues on technical matters and managed project progress using Jira, Confluence, Github.
- Tech Stack: LAMP (Linux, Apache, MySQL, PHP), HTML, CSS, JavaScript, WordPress, Jira, Confluence, Github, VMware.

Skills

Languages	**:** C++, Java, Python, PHP, Dart, HTML, CSS, Sass, JavaScript, Shell
Frameworks	**:** Qt, Hugo, Spring Boot, Flutter
Databases	**:** MySQL, Microsoft SQL, PostgreSQL
Libraries	: React, Pygame, Pandas, Beautiful Soup
CI/CD	**:** Jenkins, Bamboo, GitLab Pipeline, GitHub Action
Container	**:** Docker
Platforms	**:** Node.js, WordPress, Heroku, Netlify
Web Servers	**:** Apache, Tomcat
Virtual Machine	**:** VMware, VirtualBox, Parallels

Projects

Porfolio Showcase - https://cruxcook.github.io/cruxtrove/
- A showcase site of my personal projects.

Education/Certificates

Langara College – Diploma of Computer Studies
Jan 2018 – Sep 2021   *Vancouver, BC, Canada*

Hoa Sen University – Bachelor of Information Technology
Sep 2012 – May 2017   *Ho Chi Minh City, Vietnam*

Linux System Programming Techniques & Concepts