

Adam Chan

Full Stack Developer

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Education

2003-2007

University of Toronto, ON

B.Sc. Computer Science

(incomplete)

Skills

Technical

HTML, CSS/SCSS, JS/TS

PHP, MySQL

Node, React, Vue, Angular

REST API, GraphQL

Docker, Git, npm

AWS Lambda, DynamoDB

*nix shell (bash, zsh)

Others

Jira, Confluence, Trello

Adobe Suite, Figma, Sketch

Agile Methodologies

Full Stack Developer of 10+ years with focus on simplicity and elegance, building around scalability and UX principles. Proven ability to deliver quality results under strict deadlines. A keen eye for design; listener, observer, problem-solver; and occasionally psychic!

Some things I believe in:

- The three great virtues of a programmer - Larry Wall
- The Four Agreements - Don Miguel Ruiz
- “Good design is obvious, great design is invisible” - Joe Sparano
- The project triangle
- Occam's razor

Work experience

Senior Full Stack Developer - Be A Part Of, A Fastr Company, Toronto, ON

2023 - 2024

- Develop and maintain eCommerce solutions on the BigCommerce platform for B2B and B2C clients.
- Build tailored checkout flows, ensuring seamless customer experiences.
- Integrate 3rd party payment gateways, including Braintree PayPal, Stripe, and Square.
- Automate processes using modern technologies such as webhooks, AWS Lambda, and REST APIs.
- Perform cross-platform migrations, ensuring data integrity and security
- Support and enhance custom back-office and administrative applications using Angular and React for efficiency and scalability.

Notable projects:

Meal-to-door subscription retailer

- Developed bi-directional automation between eCommerce platform and 3rd party CRM system, ensuring real-time data synchronization and seamless integration
- Improved customer-facing UI to ensure consistent functionality and intuitive user experience

Health supplements retailer

- Full backend migration from another eCommerce platform with minimal downtime - including full order history, customer data, and subscriptions
- Implemented efficient data migration strategies accounting for server capacity and API constraints to ensure a smooth and efficient transition

Broadcast AV equipment retailer

- Integrate custom checkout flow with fraud detection and multi-step risk assessment service, providing a fully automated and secure payment experience for both the merchant and customers

Web Engineer - Wattpad Corp., Toronto, ON

2021 - 2023

- Developed and maintained JavaScript codebase, specializing in adtech and user experience, utilizing technologies like Node.js, Backbone, and React
- Write unit and integration tests using Mocha and Jest, and documented processes using Jira and Confluence
- Utilize modern CI/CD workflows with GitHub, Docker/Kubernetes, Travis CI, and Terraform to streamline development and deployment
- Collaborate cross-functionally with engineers from various platforms to ensure a consistent app experience
- Worked closely with design and product teams to conceptualize and implement new features and enhancements
- Actively participate in regular code reviews, Pull Requests (PRs), and other Agile/Scrum rituals to maintain code quality and team cohesion

Lead Developer - Stepworks Co. Ltd., Hong Kong

2016 - 2021

- Developed responsive websites and digital products for local businesses and international brands across various industries, contributing to the successful delivery of over 30 projects of varying scales
- Drive development efforts for both internal initiatives and client-facing projects, employing a diverse range of technologies including open-source as well as enterprise level CMS, frontend frameworks such as React and Vue, and cloud-based solutions such as Google Cloud and Cloudflare
- Oversee the full development lifecycle, from project conception to launch and ongoing maintenance, coordinating with client stakeholders and technical teams to ensure accurate project specifications and compliance with security requirements
- Improve workflow efficiency within and between teams by implementing Standard Operating Procedures (SOPs) and best practices, ensuring the smooth and timely delivery of projects
- Actively coach designers and colleagues in digital best practices and design patterns, fostering a culture of continuous improvement and innovation
- Actively participate in the recruitment and selection process, contributing to the evaluation and onboarding of new team members

Notable projects:

Multi-industry conglomerate sustainable development report

- Customizable data visualization and report generation, allows users to generate data tables and graphs by selecting relevant metrics and dates

Regional insurance provider

- B2C insurance website/portal built under short strict timeline
- Vue/Nuxt.js framework with Headless CMS backend

Hong Kong Stock Exchange

- Bespoke digital presentation experience for the HKEX Market Open Ceremonies.
- Designed for large wall-projected screens, integrating with existing systems for dynamic content population, enhanced customization, and seamless flow control