

Truman Kwong

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Summary

Accomplished Web Developer with 6+ years of industry experience in both front-end and back-end development, seeking remote and hybrid roles. Eager to contribute to your company's success by leveraging my expertise in modern technologies and frameworks. Please reach out if you believe my skills and experience match what your team is looking for.

Key Skills

- Front-end Development: Proficient in modern HTML, CSS, JavaScript/TypeScript.
- Frameworks: Experience with modern React, Next.js, Redux, jQuery
- Styling: Experience with Sass/Less, Bootstrap, MUI, CSS Grid, Flexbox.
- Testing: Experience with integrated unit testing using frameworks such as Jest, user simulation using Puppeteer, A/B testing using VWO.
- Cross-browser testing: Working experience with tools such as Browserstack.
- SEO Strategies: Experience with improving SEO metrics as evaluated by Google PageSpeed Insights and Lighthouse.
- Responsive Web Design: Experience with creating mobile-first responsive web applications, and desktop websites that support multiple viewports.
- Accessibility: Familiar with accessibility best practices.
- Back-end Development: Experience with Node.JS, C#, Ruby, Python, MVC and OOP concepts.

- Frameworks: Experience with Express, .NET Core MVC, Entity Framework, Django, Rails.
- Data management: Experience with NoSQL, MongoDB with Mongoose. RDBMS - PostgreSQL, MySQL with Sequelize. GraphQL integrations. Tools such as SSMS, pgAdmin, MongoDB Compass.
- Security: Familiar with security concerns such as XSS, CSRF, CORS and prevention techniques. Working knowledge of SSL, HTTPS, key cryptography concepts.
- Cloud: Experience with AWS. (EC2, Lambda)
- Container: Docker and Kubernetes.
- Version Control: Knowledge of Git and Bitbucket for version control.
- Agile Methodologies: Familiar with Scrum within Agile development processes.
- Issue Tracking: Experience with Jira for issue tracking and project management.
- Documentation: Experience with Confluence for clear and organized project documentation.
- Collaboration Tools: Experience with Microsoft Teams and Slack for effective communication.
- Web Performance Testing: Familiar with Google Lighthouse API and SEO best practices.
- Content Management Systems (CMS): Experience with dotCMS, Astro.

Work Experience

Developer

Definity Insurance

April 2021 – Present

- Migrated existing legacy pages to use modern React for improvements in maintainability, testability, user experience, and SEO.
- Investigated the cause of SEO deficiencies and improved the scores of CLS, LCP, FID metrics of high traffic consumer pages by up to 20%.
- Conducted research on opportunities for SEO improvement such as leveraging services like prerender.io to improve rendering of pages for web crawlers and presented findings to business stakeholders.
- Improved efficiency of BAU workflows, such as building automated test tools, improving flexibility and reliability of page building processes, improving CI testing scripts.
- Build net new campaign and marketing pages using modern CSS and frameworks such as MUI, ensuring responsive design for both mobile and desktop, and incorporating accessibility best practices.
- Set up A/B tests using VWO.
- Conduct research spikes on viable technical solutions to business concerns.
- Assist with technical issues for the content team and non-technical teams.
- Debug issues, fix and improve integration with the dotCMS platform.
- Actively participate in code reviews, pair-programming, team collaboration, and the onboarding of new developers.

Full Stack Web Developer

TimePlay Inc.

April 2016 - December 2019

- Built, deployed, and maintained customer facing web applications that supported hundreds of concurrent users in Cineplex theatres and multiple major cruise lines.
- Built robust and secure customer authentication flow using OAuth 2.0 and JWT.
- Developed an interactive web-based version of the TimePlay app for Cineplex using ReactJS, supporting a real-time interactive experience on mobile device browsers.
- Contributed to building end-to-end testing lab that leveraged both emulation of devices through Browserstack as well as physical devices.
- Conducted research on technologies to improve product optimization such as leveraging Redis, RabbitMQ, NodeJS cluster module for reliability and scalability.
- Incorporated development concepts such as progressive enhancement using Modernizr to ensure functional support of all user devices.
- Built PoC using different technologies to compare effectiveness and presented findings to developers and business stakeholders.
- Involved in migration of legacy monolithic stack to microservices using NodeJS and GraphQL integrations.
- Involved in DevOps workflows such as containerization and orchestration through Docker.
- Actively participated in code reviews, pair-programming, onboarding, and discussions.
- Extended and fixed issues with existing middleware software that were using Ruby on Rails and C# .NET.

Web Developer
ELL Technologies
2015

- Worked on maintaining and creating new web-based interactive language learning games such as crosswords, scrabble, etc.
- Worked on integration with backend API in Python Django.
- Worked on overhaul of company marketing pages using CSS animation.
- Utilized HTML, CSS, JS, Knockout, and Python Django.

Junior Web Developer
TravelEdge
2014

- Extend and fixed functionalities of backend services using .NET.
- Worked with designers to build new UI for overhaul of legacy internal booking software.
- Under mentorship of senior developers and learned best coding practices.

Education

Bachelor of Science in Computer Science
University of Toronto, St. George
2014