

John Lai

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About me

Full Stack Developer with 7+ years in Front-End web development and design. Experienced with integrating creativity and solutions to build mobile-driven and user-friendly applications. Great attention to detail and unwavering commitment to precision, even when working on highly complex projects. Outside of work, I enjoy camping, fishing, problem-solving, and playing soccer competitively.

Technical Skills

Technical Languages: HTML5 / CSS3 / SASS / JavaScript / JSON / jQuery / APIs / RESTful APIs / Jest / GraphQL / MongoDB / Mongoose / Express / React / Node / SQL / MySQL / NoSQL / WordPress / Tailwind / Bootstrap / Handlebars

Applications & Tools: VS Code / Insomnia / Postman / Git / GitLab / GitHub / Figma / Adobe Illustrator / Photoshop / Sketch / MongoDB Compass & Atlas / Heroku / Apollo / Jira / Terminal / Command Line Cli / Webpack / NPM / Yarn / Composer / CMS / Firebase

Experience

Front-End Developer

July 2015 – January 2023

Carpages.ca

Mississauga

- Developed and maintained responsive websites for 300+ car dealership clients using Bootstrap, Tailwind, Gemini (in-house framework) HTML5, CSS3, SASS, PHP (Twig), JavaScript, and jQuery for platinum clients: Ford, Hyundai, Toyota, Honda, Chrysler, and many more
- Experienced in Photoshop, Sketch, and Figma, converting mock-up designs into cross-browser compatible web pages or WordPress websites with accessibility functionalities (WCAG and ARIA)
- Written documentation to provide guidance to other team members for troubleshooting
- Experienced with bundling tools such as NPM, Yarn, Webpack, Grunt, and Gulp
- Used GIT version control to perform peer reviews for team members on merge requests to ensure clean codes are used
- Debug, modify, and reprogram JavaScript using Chrome development tool on branches via Gitlab to resolve client's issues within the deadline, and business requirements and according to functional specifications.
- Optimized website contents with Carpages API, ChromeData, Carfax, and Carguru plugins via Kanban board, Agile Development, and Scrum environment
- Integrated creative ideas with UX and graphic designers to build eye-catching websites, using gravity form, Advanced Custom Fields, and MigrateDB Databases
- Mentored and trained new developers via paired programming during onboarding and ensured their understanding of the product development lifecycle
- Ability to multitask, working on multiple projects while clearly communicating with stakeholders

Web Content Design and Optimization Specialist
Jonas Club Software

January 2013 - May 2015
Toronto

- Constructed and designed email marketing templates for leisure country clubs and yacht clubs across North America.
- Maintained website content for 200+ clients and performed content and layout adjustments using HTML, CSS, Adobe Photoshop, Illustrator, and Dreamweaver.
- Applied Search Engine Optimization (SEO) best practices and provided technical assistance in a timely, professional manner.
- Managed multiple projects and participated in regular conference calls with clients to ensure deadlines were met.

Projects

January - April 2023

FINGERSPELLING GAME | GitHub: <https://github.com/johnxlai/asl-fingerspelling-game>

Live: <https://tinyurl.com/asl-game>

- A language learning web application for American sign language
- The application has the capability to compute level succession, store the number of games played, and highlight the last game and total scores for each player
- Used Kanban methodologies to plan, design, test, and execute all components of the project from interface, UX, Front-End to Back-End.
- Tech stacks used Node, Express, MySQL, Sequelize, UUID, Multer, Bcrypt, Handlebars, JavaScript, Tailwind, Heroku, JSON, and Git

ORACLE - AI FORTUNE TELLER | GitHub: <https://github.com/johnxlai/oracle>

Live: <https://tinyurl.com/oracle-ai>

- Oracle is a major MERN full-stack project incorporating OpenAI to make predictions using Tarot Cards.
- Applied MERN stack technology and OpenAI to make future predictions, construct tarot card selection algorithm, OpenAI prompt worked with the online shop, Heroku, and MongoDB deployment
- Tech stacks used MongoDB, Express, React, Node, Apollo & GraphQL, OpenAI, Tailwind, Heroku, Git, Bcrypt, JavaScript, Jest, Tailwind, Stripe Payments, JSON

Education

Full Stack Web Development Certificate: University of Toronto, Toronto

Front-End Web Development Immersive Certificate: Juno College, Toronto

Web Optimization Analyst: Seneca College, Toronto

Advertising & Graphic Design Diploma: Humber College, Toronto

Creative Advertising Diploma: Seneca at York University, Toronto