

TECHNICAL SKILLS

Backend: Express.js, Node.js, PHP
Frontend: CSS, HTML, Javascript, jQuery, React.js
Databases: MySQL
Tools/Libraries: Apache, Chai, Git, Immutable.js, Mocha, Photoshop, Redux, Webpack

PROFESSIONAL EXPERIENCE

TalaPrep

Technical Co-Founder

Jan – Dec 2016

- Technologies: Apache, CSS, Git, HTML, Javascript, jQuery, MySQL, PHP
- Designed and developed a new dashboard, navigation menus, modal windows and other features, and redesigned and refactored messaging, payment and booking systems.
- Designed, created and maintained databases for new and existing features, and reduced database load by removing overlapping columns.
- Enabled quick login, user registration and sharing by merging Facebook, Twitter and LinkedIn user data into the existing authentication process using their respective API's.
- Implemented referral and email marketing systems that generated shareable links with encoded parameters unique to each user, use-case and expiration period.
- Optimized search engine geolocation by using Google's Geolocation API and device location services to filter tutors by location, in favor of the existing, slow database-dependent model.

Three Goats

Junior Frontend Developer

Mar – Dec 2014

- Technologies: CSS, HTML, Javascript
- Implemented the website based on mock-ups provided by an independent designer.
- Ensured mobile responsiveness using media queries and touch-friendly navigation options.
- Integrated a third-party API to process donations

Miko Services

Freelance Web Developer

May – Oct 2015

- Technologies: Apache, CSS, Git, HTML, Javascript, jQuery, MySQL, PHP, Photoshop
- Designed and implemented a new, more modern theme
- Adopted mobile responsive design principles by using a grid system and media queries.
- Automated collection of data needed to generate quotes for potential customers using quote request and contact forms.

INDEPENDENT PROJECTS

Vote Redux

Dec 2016 – Present

- Built voting application for users to create a movie tournament for recently released and most popular movies (fetched from TMDb API).
- Implemented frontend in *React*, *Immutable.js* and *Redux*, and backend in *Redux*, *Node.js*, *Immutable.js* and *socket.io*, using a test first development approach (*Mocha*, *Chai*).

React Chat

Dec – Jan 2017

- Developed chat room application that supports usernames, avatars and message timestamps using *React*, *HTML*, *CSS* and *socket.io*.
- Managed state using React's unidirectional data-flow model, with state comprising usernames, message times, user messages and a socket object.

EDUCATION

University of Western Ontario, London, Ontario
Bachelor of Science: Computer Science, Chemistry

Oct 2016