

Yuva Chang

Software Engineer

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Skills

Javascript, ES5, ES6, Typescript, React, Redux, Backbone.js, jQuery, Handlebars, Node.js, Gulp, Git, HTML, CSS, SASS, SuiteScript, Firebase, Cloud Firestore, Mocha/Chai, Express, REST, Mongoose, Sequelize, MongoDB, PostgreSQL, Heroku, Github Pages, Webpack, Taggun OCR API

Work Experience

Software Engineer | Myers-Holum Inc | 01/2020 - Present

Worked in an AGILE team with client-focused goals and robust channels of communication, punctual standups, code review, version control with Git, and consistent backlog grooming of JIRA tickets and project time entries.

- Developed core features for multiple high-traffic e-commerce sites using the SuiteCommerce Advanced framework (**Javascript, Backbone.js, jQuery, Handlebars, SuiteScript, Node.js, Gulp, and Netsuite service RESTful APIs**).
- Managed code migration of over 10,000 lines of code from client's overseas engineer and coordinated as liaison between teams. Refactored code to meet standards of performance and readability. Wrote internal documentation and shared with the developer to improve coding practices to mitigate further accrual of technical debt.
- Set up slack hooks and deployment integrations on projects for more transparent collaboration and contributed to internal tech documentation.

Clients:

Oborne Health

- Worked closely in a 2-member team to develop a pharmaceutical e-commerce site and pushed to production within two months of on-boarding.
- Integrated Datatables library with NetSuite API to display large lists of client data and implemented serverside loading to defer pagination of records for improved client-side response time.
- Built patient-practitioner user permissions API to validate item restrictions based on session roles and item types.
- Implemented a client-side feature for practitioners to hide sensitive patient data using secure cookies and jQuery.
- Fostered healthy client rapport post go-live and helped manage defect resolution with timely responses and patch deployments.

Food Bank Solutions (FBNYC, GSFB)

- Implemented front and back end scripts for checking availability of credit and grant funds per item against restriction class and order type. Updated API modules to fetch client data and wrote user-event SuiteScripts that execute on creation of sales orders.
- Optimized front-end and SuiteScript code to more efficiently query and handle large response data and drastically reduced page-load times.
- Created server script to allow non-essential client employees restricted access to site configuration in NetSuite UI.

Other Projects

TaskReminder (ongoing) | Sole Developer | **Typescript, React, Redux, Sass, Firebase, Firestore, Node.js**

<https://tasks.yuvachang.com> | <https://github.com/yuvachang/TaskReminder>

Objective: Scrape GitHub commit data to more easily compose time entries on client projects and integrate Slack notifications to help track tasks and maintain schedule on tickets.

Split | Developer | **React, Redux, React-Redux-Firebase, Firebase, Firestore, Sass Node.js**

<https://split.yuvachang.com> | <https://github.com/yuvachang/split>

Expense management app with Firebase BaaS. Users track individual or group spendings and itemize costs. Used Firebase api and ReactReduxFirebase for OAuth logins, database and project hosting. Managed users, friends, notifications, and receipt data with Redux.

Education

Fullstack Academy of Code | Full-time Software Engineering Program | 2019

Full stack Javascript web development. Javascript, React, Redux, Node, Express, Sequelize, PostgreSQL

University of Michigan | Taubman College of Architecture | 2015

Master of Architecture

University of Florida | SOA, College of Design, Construction, and Planning | 2013

Bachelor of Design in Architecture, Minor in East Asian Languages and Literature (Japanese)