

# Elva Wang

(408)637-9917 | [elva316@gmail.com](mailto:elva316@gmail.com) | San Jose, CA

**LinkedIn:** [linkedin.com/in/elva-wang](https://www.linkedin.com/in/elva-wang)

**GitHub:** <https://github.com/elvarepo>

**Portfolio:** [elvaswork](#)

## TECHNICAL SKILLS

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- **Proficient:** JavaScript/HTML/CSS, React, Redux/Context API, Material UI, Emotion, SCSS/SASS, Jest, MSW, Emotion, RXJS, Bootstrap, Python, Node.js, Express, MongoDB/Mongoose, TypeScript, Firebase, Heroku, Git Flow, JSON, Bitbucket, postman, Data Structures/Algorithms
- **Familiar:** Java, Swift, SQL/NoSQL, Angular 2+, Mocha, Flask, Backbone.js, TDD, MVC, Workbench, Xcode, Django, AWS, SocketIO, jQuery, GraphQL

## WORK EXPERIENCE

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### Domino's Pizza | Front End Engineer | San Jose, CA

April 2023 - Present

As the sole front-end developer, I am working on a pioneering, globalized in-store application that will revolutionize operations across 7,000+ stores worldwide. By consolidating disparate systems into a unified codebase, I am streamlining development, enhancing maintainability, and ensuring a consistent user experience across all markets.

- Set up and configure the front-end infrastructure for a multi-screen retail in store application
- Implement a robust communication infrastructure between the front-end, back-end, and in-store devices using [API/Protocol] and RXJS for Server-Sent Events (SSE), which enables real-time data exchange, ensuring that multiple screens connected to the same flex device displaying consistent information and synchronized behavior
- Collaborate with backend to design SSE and API data payload for the UI, which ensure the communication and accurate data synchronization, as we are transitioning from the legacy service to the new one
- Provide mock UI designs and collaborate with business owner to ensure they met the diverse needs of stakeholders and markets
- Provided technical expertise and guidance to the QA team, helping them to pinpoint the root causes of defects and ensure timely resolution, especially given the project's complex landscape involving multiple services, devices, different testing stores setting and deployment environments
- Develop reusable and responsive modular UI components, ensuring a consistent and maintainable user interface using React, Context API, React Hooks, JavaScript (ES6), HTML5, CSS3, SVG files, and Emotion
- Implemented effective state management solutions using Context API and RxJS, ensuring efficient data flow and component updates
- Create reusable custom hooks to for data retrieval and state management tasks
- Update Node.js server to ensure reliable SSE event delivery, adapting to changes in the UI or backend requirements
- Work on unit testing for the UI using Jest, MSW and React Testing Library to ensure software reliability and stability with coverage at 75% all time
- Utilize Git, bitbucket, and Jira to collaborate with teams during product development
- Collaborate effectively within an Agile team, actively participating in Sprint meetings including Daily Scrums, Sprint Planning, Sprint Review, Retrospectives and UI demo for business owner
- Other tools used: figma, postman, swagger, virtual box, docker container, splunk

### Freelancer | Front End Technical Mentor and Full Stack Project | San Jose, CA

July 2020 - August 2022

- Built and deployed multiple personal projects with ReactJS, Redux/Context, Firebase, Material UI, third-party API, and RESTful API
- Mentoring a student in web development, using Javascript, React, HTML5, CSS, resulting in the student crafting responsive web pages

### Wowzie App Studio | Front End Engineer | San Jose, CA

January 2018 - December 2018

- Updated and maintained existing websites using Javascript, HTML and CSS improving page loading speed by 20%-50%
- Worked on SEO (Search Engine Optimization) by applying proper tab, link, resize image, minify files to boost page rank by 10%-60%
- Developed dynamic and responsive web pages using Javascript, Angular 6, HTML5, CSS, jQuery, Bootstrap allowing customers to view and purchase products

- Built and deployed back-end Restful API using NodeJS, Javascript, MongoDB, allowing hundred of users to access and store data

## EDUCATION

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**Business Marketing**, *San Jose State University*

May 2016

**Full-stack Web Application Development**, *Coding Dojo*

Nov 2017

## PROJECT WORK

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July 20 - Present

### **Consumer Post | Full-stack Development | [Live](#) | [Code](#)**

*Platform allowing consumers to post shopping experience regarding any products*

- Designed, developed and deployed entire website, utilizing React, NodeJs, Redux, HTML5, CSS, Material UI, Stripe payment API, and firebase, resulting in 100% coverage for the entire codebase with proper web authentication
- Built back-end Restful API using NodeJS, Javascript and deployed on firebase, allowing users to access and save informations

### **Amazon Clone | Full-stack Development | [Live](#) | [Code](#)**

*Cloned Ecommerce website Amazon front-end interface*

- Developed responsive user interface using React, React Context, Javascript, and Material UI, allowing users to register/login and to browse and purchase product
- Built back-end Restful API using NodeJS, Javascript and deployed on firebase, allowing users to access and store data

**To view more projects, please visite [elvaswork.info](https://elvaswork.info)**

## PUBLICATIONS

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**Hackathon winner**, *coding dojo*

2017