

JADE LOPEZ

SOFTWARE ENGINEER



CONTACT

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SUMMARY

Graphic designer turned software engineer who enjoys immersing in a creatively charged atmosphere, is passionate about design, and loves learning new technologies. With 5+ years of experience building products in a team environment, I enjoy collaboration and seek opportunities to grow as a developer and an individual.

SKILLS

FRONT END: HTML, CSS/SCSS, Bootstrap, Javascript, React, Redux, Responsive Design

BACK END: REST, Node, Express, Sqlite3

TOOLS: GIT, Heroku, Ziet, Jira, Bitbucket, Confluence, VS Code, Adobe Creative Suite, Coral Painter

EXPERIENCE

DSoft Technology | Applications Programmer | Oct 2023 - Oct 2024

React, Material UI, Node, Express

Offers advanced software development solutions with expertise in the military space domain, DoD, Civil, and Commercial sectors, as well as Cloud Computing.

- Worked on a large, Agile development team for a Space Operations Command/Air Force Research Laboratory program, supporting 5+ software applications related to Space Force operations including crew scheduling and electronic warfare, in a DevSecOps environment.
- Daily responsibilities included leading pair programming sessions with SpOC Delta Forces' Supra Coders, mentoring green developers in best practices and more advanced techniques and languages.
- Played an instrumental role in the design and frontend development of the COMET crew scheduling application, including custom manipulation of Google Material UI components using advanced CSS to extend and override library styling.
- Participated in and helped facilitate "swarm programming" workshops with Supra Coders to teach and implement new backend permissions architecture for the COMET application.
- Took lead on and built personalized home page utilizing API calls for the COMET application during the last two days of a Hackathon-style development blitz to build and present a new prototype of the software.
- Participated in sprint reviews and presentations with stakeholders, including senior military officers and other Department of Defense contractors.
- Helped lead "Dev Talk" mentoring sessions with junior developers from the Delta Forces
- Responsible for reviving and redesigning a DSoft Python application dealing with satellite capabilities and testing windows to avoid detection.
- Have experience with Certificate to Field procedures, resolving pipeline issues, and familiarity with processes to secure Authority to Operate via meeting SD Elements requirements on Platform One.
- Also familiar with Space CAMP's Gravity platform and Palantir's Warp Core platform.

BombBomb | Software Engineer | Aug 2021 - Jun 2023

HTML, SCSS, JavaScript, Wordpress, React

A video communication platform that enables users to quickly and easily send video messages through email, SMS, and social media networks.

- Oversaw the development and maintenance of the front-end marketing website using HTML, SCSS, and Javascript.
- Collaborated closely with the marketing department to implement the 2022 website rebrand to support new marketing initiatives and product/organizational needs.
- Worked with the Marketing Operations Manager to clean and streamline Google Analytics, Google Tag Manager, and the Marketo form code to ensure clean and valuable data for marketing purposes.
- Initiated and collaborated with dev-ops to bring React and other React libraries into the website build process in Jenkins.
- Researched, developed, and implemented solutions to optimize the website's page speed; while continuing to ensure cross-browser/device compatibility and web development best practices.
- Created reusable components and SCSS stylesheets consistent with the new design language, increasing the speed at which new pages could be developed and implemented.

EDUCATION

2020 **Lambda School**, Remote
Full Stack Web Development

2019 **Foothill College**, Remote
AA in Graphic & Interactive Design

2010 **San Francisco State University**
Music - Opera

INTERESTS

SINGING OPERA

STAR TREK

OBSESSED WITH ASSASSIN'S CREED

EXPERIENCE (CONTINUED)

Viking Enterprise Solutions | Front-End Developer | 2020 - 2021

Angular, HTML, Sass, JavaScript, Bootstrap, Material UI, Adobe XD

Designs, manufactures and sells leading-edge off-the-shelf and customized server and storage platforms for data centers and enterprise markets.

- Responsible for designing the user experience for various cloud-storage management software applications (i.e. [Cloud Native Obsidian](#)).
- Created wireframes and mockups through Adobe XD to establish design and brand principles to create consistency between all current and future software applications.
- Worked within an Agile, Scrum, and collaborative team environment to develop the UI using Angular, Bootstrap, Material UI frameworks, and other component libraries.

PROJECTS

Netflix Clone | Apr 2023 | [Github](#)

React, React-Bootstrap, Sass, Firebase, React-player, The Movie Database

Interactive React project that attempts to clone the Netflix application. The [TMDB](#) (The Movie Database) API has been used to provide much of the media seen with in the app.

- Replicated the Netflix homepage that displays for a new user or a user who has been logged out of the application. It contains GIFs and an FAQ Accordion provided by React-Bootstrap.
- [Firebase Authentication](#) was used to support sign-in and onboarding experiences for users.
- Just as in the Netflix app, once the user passes the profile page, they are presented with a 'Browser' page that contains a banner that shows a randomly selected looping trailer that can be unmuted. If a trailer is not provided, a poster image takes its place.
- As a user scrolls through the carousel rows of movies/TV shows (sorted by categories/genres), they can click on a particular movie/TV show, and a feature modal displays the media's trailer/poster, summary, and a list of recommended movies/tv-shows that are similar to the selection.

Riders For Life | Oct 2019 - Nov 2019 | [Demo Video](#)

React, Redux, FrontlineSMS, Node, Express, GeoLib, PostgreSQL

Collaborated with a team consisting of 1 UX Designer and 6 Web Developers, as part of Lambda Labs, to create a two-part application for the non-profit 'Safe Mothers, Safe Babies' in Uganda.

- Working with the non-profit stakeholders for eight weeks, we increased the productivity, reliability, and usability of both parts of the application; enhancing the overall quality of the user's experience.
- My primary focus was building the database for our node backend, and integrating [Frontline SMS](#). This text-messaging cloud service provided a reliable SMS emergency ride request system for pregnant mothers and Boda drivers in Uganda.
- We employed the GeoLib library to help the application locate the nearest driver to a pregnant mother requesting a ride and then dispatched them to said mother for emergency services.
- A React/Redux administrative dashboard was developed to allow administrative users to interact with mother/driver data collected on the ground in Uganda.