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**OMAR J LOZOYA**

US Citizen

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## Personal Summary

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Dependable and detail-oriented with a firm foundation in object-oriented and functional programming with an eye for great design as well as a passion for learning new technologies. I strive to be a great software developer in hopes to aid the tech industry with the skills I have acquired. I am always looking to improve my craft by challenging myself with unfamiliar topics and implementing difficult tasks. I believe the skills I have acquired have prepared me to be a great asset in current and future work.

## Technical Skills

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**Front-End:** Javascript, Swift, AngularJS, Cocoapods, HTML, CSS, Typescript, NPM, Angular Material

**Back-End:** NodeJS/Express, MongoDB/Mongoose, PostgreSQL, Firebase, EJS, Java, C++, Heroku

**Frameworks:** MEAN Stack, jQuery, Swift, Bootstrap, MVC

**Source Control:** GitHub, Visual Studio Code, Xcode, Agile, VirtualBox, Windows, MacOSX

## Projects

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### Requiren

- Led a team of six to develop a Full Stack one-of-a-kind e-commerce platform using the MEAN stack with heroku and AWS.
- Aided the team with a full stack architecture design, wireframe and interactive prototype.
- Distributed team roles and weekly assignments in order to meet development deadlines utilizing PivotalTracker.
- Used agile scrum framework which resulted in fast-paced parallel development of the full stack application.
- Initialized and improved the DB schemas using Mongoose on NodeJS.
- Provided guidance and aid to all team members which resulted in full experience with a full stack development environment.
- Aided in building the wireframes and prototype using Axure to ensure the project sponsor's expectations were met.
- Developed bi-directional communication with the front and back-end, API endpoints performing necessary functions and returning JSON, services to make AngularJS requests over HTTPS, session time and expiration functionality with authentication tokens using JWTHelper, platform credit card transaction functionality using Stripe, front-end design for checkout, confirmation, portal tables, purchase and order pages using html, bootstrap and Angular Material. Completed using AngularJS, NodeJS, ExpressJS, Mongoose, Postman to test back-end routes, Angular Material, HTML and CSS.
- Helped with managing the main GitHub repository and reviewing incoming pull requests.

### Personal Newsletter Web App

- Built a personal newsletter web app using javascript, jQuery and nodeJS/express that enlist users to my personal newsletter.
- Connected to MailChimp using API's. Front-end dynamic, simple and responsive. All functionality running on the back-end.
- Deployed using heroku.

### Todo List Web App

- Currently still working on this personal project.
- Javascript, html, jQuery and css being used to develop the front-end. NodeJS/express and ejjs used for the back-end. Implementing routes using NodeJS.
- Looking to implement a DB using MongoDB and Mongoose.
- A user can insert a new item on their todo list. Node date API used to fetch current dates/times.

## Education

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**ARIZONA STATE UNIVERSITY, Ira A. Fulton Schools of Engineering**

*Bachelor of Science in Engineering, Computer Science (Software Engineering)*

- Expected Graduation Date: May 2019