

(956) 650-9699

ojlozoya@gmail.com
<https://omarjlozoya.herokuapp.com>

OMAR J LOZOYA

US Citizen

github.com/omarlozoya
[linkedin.com/in/omar-lozoya](https://www.linkedin.com/in/omar-lozoya)

Personal Summary

Dependable with strong analytical skills and 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. The skills I have acquired have prepared me to be a great asset in current and future work.

Technical Skills

Front-End: Javascript, Angular 7, HTML, CSS, Typescript, React, JSX, jQuery, Swift

Back-End: Java, Node/Express, MongoDB/Mongoose, PostgreSQL, Unit Testing, C++, Heroku, Stripe, Lob, S3

Source Control: GitHub, Gitlab, Jira, Xcode, MacOS, Command Line, Visual Studio Code, Agile

Projects

Requiren

- As project manager I lead a team of six to develop a full stack, e-commerce web application using the MEAN stack with heroku.
- Aided the team with a full stack architecture design, wireframe and interactive prototype using Axure to ensure the project sponsor's expectations were met.
- Managed and distributed team roles and weekly assignments in order to meet development deadlines utilizing Jira and Gitlab.
- Initialized and improved the DB schemas using Mongoose on NodeJS.
- Full stack development experience gained by helping and guiding team members with tasks.
- The team used an agile scrum framework to develop the project.
- Helped with managing the main GitHub repository on Gitlab by reviewing incoming merge requests and deployed to Heroku.
- Implemented the following functionalities:
 - Bi-directional communication with the front and back-end using npm library SocketIO.
 - API endpoints performing necessary functions and returning JSON to connect backend to the frontend of the application using NodeJS/Express.
 - Functions within angular services to make Angular requests over HTTPS in order to fetch and send data to the backend.
 - Session time and expiration functionality with authentication tokens using JWTHelper.
 - Platform credit card transaction functionality using Stripe API.
 - Front-end design for checkout, confirmation, portal tables, purchase and order pages, homepage, login/register and profiles pages using Angular, Typescript, html, CSS, bootstrap and Angular Material. All frontend pages were designed by a UI/UX developer and I was able to successfully convert and implement the designs over to code.
 - Created image buckets on AWS S3 and connected them to the application using multer/multerS3.
 - Physical address validation using Lob API.
 - Helped develop the asynchronous matching algorithm function for connecting buyers and artist.
 - Testing was done manually. Used Postman/OSX terminal for backend and google chrome browser for frontend.

Wiki RESTful API Application

- Created my own REST API's that replicates a simplified version of wikipedia.
- Developed the backend using NodeJS/Express and the database using MongoDB/Mongoose.
- No frontend design just backend. Testing was done manually using Postman.

Education

ARIZONA STATE UNIVERSITY, Ira A. Fulton Schools of Engineering
Bachelor of Science, Computer Science (Software Engineering)

2015-2019