OMAR J LOZOYA
US Citizen

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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, EJS, Unit Testing, C++, Heroku, Stripe, JSON
Source Control: GitHub, Xcode, Windows, MacOS, Command Line, Visual Studio Code, Agile, OSX

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 and AWS.
- Aided the team with a full stack architecture design, wireframe and interactive prototype using Axure to ensure the project sponsor's expectations were met.
- Distributed team roles and weekly assignments in order to meet development deadlines utilizing PivotalTracker and Trello.
- 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.
- Developed bi-directional communication with the front and back-end, API endpoints performing necessary functions and returning JSON, services to make Angular 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. Tasks were completed using Angular, Node, Express, Mongoose, Postman to test back-end routes, Angular Material, HTML and CSS.
- Helped with managing the main GitHub repository and reviewing incoming pull requests.

Video Search Web Application

- Currently working on a video search application that fetches data from the youtube api depending on what a user enters into a search field.
- The project is being implemented using React.js along with JSX and some CSS.
- Axios is being used to make promised based http client requests from the youtube api.

Personal Newsletter Web Application

- 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. Application was deployed using Heroku.

Wiki RESTful API Application

- Created my own REST API's using NodeJS/Express and MongoDB/Mongoose that replicated a simplified version of the wikipedia site.
- Implement a DB using MongoDB and Mongoose.

Education

ARIZONA STATE UNIVERSITY, Ira A. Fulton Schools of Engineering   **2015-2019**
Bachelor of Science, Computer Science (Software Engineering)