Jack Lopez

Baltimore, MD
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Full-stack developer with great communication skills, attention to detail, and an eye for design.

Clearance: TS/SCI

EXPERIENCE

Booz Allen Hamilton, DC, VA (REMOTE) — *Sr. Lead Engineer*
Contract: Defense Threat Reduction Agency

Dec 2020 - Present

- Set up a unit testing suite for the entire JOC application
- Updated and maintained backend API's for DTRA database
- Leading Development for entire front end initiative related to military planning and strategy
- Lead and trained other developers through Jasmine, React, Angular and SQL

Blackwatch, McLean, VA (REMOTE) — *Full Stack Developer*
Contract: Tobacco Tax Bureau

Sept 2020 - Nov 2020

- Created and maintained API's using Java Spring Boot
- Utilized SQL for running procedures for auditing
- Restructured UI for consistent design and implementation
- Maintained unit testing across Angular components using Jasmine and Karma
- Implemented coding standards across application
- Documented coding standards and ensure code standards in code reviews
- Setup Jenkins build script

WTI, Fairfax, VA (REMOTE) — *Lead UX Developer*
Contract: Pentagon

June 2019 - July 2020

- Ensured data protection from XSS application–wide
- Utilized NGRX for consistent state management
- Created and maintained API's using Java Spring Boot
- Helped maintain and set up OAuth for authentication
- Utilized SQL for data mining and running procedures for auditing
- Restructured UI for consistent design and implementation
- Modified RDL queries for API updates and improvements
- Implemented unit testing across Angular components using Jasmine and Karma
- Learned Vis.js to build complex hierarchy and interactive data models.
- Implemented coding standards across application
- Implemented agile best practices across dev teams

SKILLS

Angular 7, CSS3, HTML5, Node.js, Git, MongoDB, PHP, Bootstrap, 508, Adobe XD, SCSS, Bootstrap 4, ES6, TS, Express, JIRA, PostgreSQL, SPARQL, NGRX, Swagger, SonarQube, Azure DevOps, Angular Material, Jasmine, Karma, Java Spring Boot, RDL, Sparql, Vis.js, Firebase, Jenkins

LANGUAGES

English

- Assisted in capacity-planning, backlog grooming and helped run stand-up meetings
- Integrated Angular Flex-Layout for highly responsive UI
- Lead Front End developers to adhere to UI designs
- Collaborated with designers to ensure expectations were met and managed
- Documented coding standards and ensure code standards in code reviews
- Lead Junior Developers through brown-bag and para-programming sessions: Angular, Typescript, HTML, and SCSS

Bellese Technologies, Owings Mills, MD (REMOTE)— *Lead UX Developer*

Contract: Center for Medicaid and Medicare Services

January 2018 - June 2019

- Built a reusable component library for CMS (see projects)
- Ensure 508, WCAG AA standards
- Use a mobile-first approach with fully responsive layouts
- Build applications for IE9+ and Chrome
- Built Restful Apis using Node.js
- Monitored performance issues on frontend and backend
- Use analytics to help support HCD
- Build pixel-perfect applications
- Help facilitate and champion the HCD process for developers
- Enforce best standards and practices through code reviews
- Host brown bag sessions to teach Angular 7 to other developers
- Host UX/dev syncs to align developers with design and research
- Rapid prototyping live demos for government proposals
- Document work for updated components and major design decisions
- 508, Angular 7 SME for next-generation development teams
- Operate by a "fail fast" process
- Develop using Lean-Agile methodology
- Conduct interviews with designers and developers
- Created an app to test developers in Angular to point out learning opportunities
- JIRA for task management

Code In The Schools, Baltimore, MD — *Instructor*

January 2018 - January 2019

- Taught inner-city high school students how to develop websites
- Utilized WordPress, HTM5, CSS3, and Javascript
- Developed lesson plans
- Networked with non-profits for support
- Managed strengths of the students to build websites as a team
- Fostered a fun environment for learning by empathizing and relating
- Managed students' strengths and weaknesses to help other students

Johns Hopkins University, Baltimore, MD — *Programmer Analyst*

November 2016 - December 2017

- Built user interfaces that were consistent with the university brand and style

- Built queries, made data accessible using Rest API, and used data to build forms, events, landing pages, and more
- Used AWS to manage the servers of five websites
- Refactored and fully automated existing microsites to give content control back to the undergraduate department's marketing team
- Successfully migrated new Financial Aid and Undergraduate websites
- Learned Timber and Vue in order to modify and add features to both websites
- Utilized Google Analytics to track traffic to microsites, events, and main websites
- Redesigned email campaigns to be responsive
- Provided tech support for the undergraduate department (e.g., troubleshooting, setting up hardware for events, etc.)
- Automated several portals to update year after year

SAIC, Alexandria, VA — *Full-Stack Developer*
Contract: United States Patent and Trademark Office

August 2015 - November 2016

- Used agile development
- Used JavaScript, HTML5, CSS3, Handlebars, JQuery-UI, and API plugins to develop applications
- Collaborated with peers using Tortoise SVN
- Built pixel-perfect forms and responsive layouts
- Refactored existing code to ensure 508 compliance
- Worked with clients to elaborate user stories and define implementation expectations
- Demoed technical stories and provided proofs of concept to clients
- Worked with UX team to build applications by providing wireframes
- Used MVC framework with Perl to build surveys

Med-IQ, Baltimore, MD — *Web Designer*

September 2014 - June 2015

- Coded HTML5- and CSS3-based emails
- Created HTML5 email prototypes using Adobe Fireworks
- Edited and created online advertisements using Adobe DreamWorks, Illustrator, and Photoshop
- Used Publicaster to query client emails and specific user groups for advertisement delivery
- Collaborated with marketing and editing teams to create prototypes for advertisements
- Created prototypes in order to present better business practices and encourage tactical pay-per-click advertisement strategies

Allegis Group, Baltimore, MD — *Help Desk Support*

April 2012 - September 2013

- Facilitated help desk support for employees and customers
- Assisted customers by troubleshooting problems with software and utilizing business software
- Utilized PeopleSoft and Active Directory within the company administration
- Collaborated with the team for successful implementation of new software for internal employees nationwide

University of Maryland, Baltimore County, Baltimore, MD — Bachelors in Information Systems

August 2010 - May 2015

Studied Information Systems with a focus on Web Development and Design.

University of Maryland, Baltimore County, Baltimore, MD — Masters in Information Systems

August 2020 - December 2022

Studied Information Systems with a focus on Human-Centered Design and Data Science.

PROJECTS

Reusable Component Library

Built and managed a reusable component library. Documented, 508 compliant, responsive, and highly robust.

https://www.npmjs.com/package/@bellese/angular-design-system

Maryland Volunteer Lawyers for the Arts

While working at Code in the Schools, we partnered with MDVLA. I brought in a designer and a writer to work alongside the students and me to revitalize the site. I coached them on how to talk to clients and how to be creative with the client's vision.

https://mdvla.org/

East Baltimore Community Church

A church plant within our community needed help in rebuilding its website and recreating their logo. I worked alongside my designer and writer to transform this project into what you see today, bringing their vision to life.

https://www.ebcc.church/

Academic Management Group

First, live freelance project. The site now reconstructed.