



# Frank Lam

## Web Developer

### CAREER OBJECTIVES

Motivated software developer eager to expand my potential by leveraging and advancing my technical abilities.

### CONTACT INFO

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### ACADEMIC BACKGROUND

**University of Florida** | May 2015  
BA in Mechanical engineering

**College of Central Florida** | May 2012  
AS in Engineering

### SPECIALIZATIONS

- React
- Angular 2
- Jest
- RxJS
- NGRX
- Gatsby
- JavaScript ES6
- HTML5
- SCSS
- Tailwinds
- Node JS
- Express
- Git
- Firebase
- Agile
- Jira
- Figma

### WORK SUMMARY

#### Software Developer

*Carnegie Learning | Jan 2021 - Present*

Experienced in building and maintaining Angular applications utilized by thousands of customers daily. Collaborated with a diverse group of educational professionals to design and deploy educational software across the K-12 curriculum in the U.S. Improved structural layout, implemented strict-typing, and developed legacy applications to enhance functionality and user experience

#### Consultant - Web Developer

*Capco | April 2020 - Jan 2021*

Involved in Angular projects for Huntington Bank's Business Online Account Opening flow, utilizing Agile Scrum methodologies. Expertise in using TypeScript, NgRx, and RxJS for app state management and component implementation. Improved code unit test coverage from 11% to 80% with the use of Jest testing framework, ensuring the quality of the release branch

#### Web Developer

*Wholesale Tradelines | March 2019- February 2020*

Created, developed, and managed an E-commerce website that generates significant revenue, using Getresponse and Pipedrive for effective customer relationship management. Improved professional customer service response time from three days to one day through the implementation of Zendesk. Successfully integrated the CRM system for a sales team of over 10 individuals.

#### Web Developer

*Freelance | November 2018- April 2019*

Engaged in client meetings to gather project requirements and review workflow. Skillfully designed and coded websites that meet client specifications and requirements.

#### Professional Photographer

*Multivista | July 2016- April 2018*

Conducted photographic documentation for both commercial and residential projects. Actively involved in all aspects of project processes.

### PROJECTS

#### JWT Login Authentication - Vue, Python

- Implemented API request with JSON web token in the authorization header to set cookies
- Utilized salt hashing with HS256 algorithms for encryption
- Designed Vue client app to dynamically load data based on individual account permissions.

#### Personal Portfolio - React, Gatsby, GraphQL

- Developed a website using React's Gatsby framework
- Created a responsive landing page design
- Customized domain and SSL to enhance security and user experience

#### Media Application - React, Node JS, Firebase

- Developed a single-page application that leverages various ES6 module libraries
- Integrated Firebase for authentication
- Built and linked a Node JS API server for versatile use
- Implemented Puppeteer Node libraries
- Hosted the SPA with Netlify and Heroku for the API
- Custom domain and SSL to secure user data