

MARK FROEHLICH

SOFTWARE DEVELOPER

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in mark-froehlich

Passionate about building solutions to current and future problems with code. Specializing in web and mobile app creation using React and NodeJS but love working with other technologies like React Native, AngularJS, jQuery and even PHP. Looking to do some meaningful development and problem solving while continually learning and expanding my knowledge base.

Skills

LANGUAGES

JavaScript

CSS

HTML

PHP

Ruby

LIBRARIES AND FRAMEWORKS

React

React Native

jQuery

Wordpress

GraphQL

AngularJS

Ruby on Rails

Education

Bloc

Full Stack Web Developer Track 2017

Hofstra University

BA Business - Marketing 2011

Employment

GXM Consulting

Software Developer

Remote
Feb. 2019 to Current

- Use cutting edge tech like ES6 in React and Next.js along with GraphQL and REST api endpoints to solve problems and help enhance U.S. Army operations.
- Develop custom external websites and internal applications for the U.S. Army based on their strict requirements and deadlines.
- Work on small teams in an AGILE environment to figure out how to complete the tasks on hand in the allotted time.
- Create automation tools, like web scrapers using NodeJS, to complete repetitive manual operations in a short time.

AMAC Inc.

Web Developer

Bohemia, NY
May 2018 to Current

- Develop and enhance the company's flagship mobile app built with React Native.
- Create and update the structure and functionality of 10+ company websites and applications.
- Push our current tech stack forward by employing new tools like GraphQL and React.
- Build trivia and puzzle games with vanilla JavaScript and jQuery.
- Implement client side tools that bring in and display data from REST API endpoints.

Sans Creative

Front End Developer

Remote
Dec. 2017 to Feb. 2019

- Create and customize Shopify and Wordpress themes based off of Photoshop mockups.
- Focus on speed and SEO optimizations.

Projects

AMAC App

Dec. 2020 to Current

AMAC's flagship mobile application with over 37,000 downloads across the iOS App Store and Google Play Store with 4.8 star ratings in both. News application where users read new and archived news articles or podcasts and bookmark the ones they want to come back to later.

App Features:

- Easy to use News reading and bookmarking with user engagement in the form of article comments and polls
- Video podcasts with audio that persists even while the phone screen is asleep
- Full fledged push notification system implemented with the help of serverless functions on AWS
- Dark mode and Text size adjustments to help make the app more accessible

Tech Used:

- React Native
- Wordpress REST Api
- AWS Lambda
- Node.js

Army Futures Command Website

June 2020 to Current

Public facing website that shows US Army's Army Futures Command organization and all of its sub-organizations. The site's purpose is to invite collaboration between AFC and potential industry and academic partners to help further modernize the Army.

Technologies Used:

- React
- Next.js
- Strapi
- TinaCMS

AMAC Map

July 2020 to Current

A business listing directory application for AMAC Members to search for and patronize local businesses with similar values and ideologies that provide discounts for them as AMAC Members. This Full Stack React and Node application is live and in production!

Technologies Used:

- React
- Node.js
- Express
- Framer Motion
- Stripe

AMAC Games

June 2018 to Current

Five puzzle type games for our 1.5 million over 55 aged members to play to keep their minds sharp. Built as Custom Post Types in Wordpress for in-house content creators to quickly and easily input each new daily game into the WP backend and have the games created dynamically. Each game with custom PHP templates along with Javascript and jQuery scripts to implement game creation and gameplay.

Technologies Used:

- Wordpress
- PHP
- JavaScript
- jQuery