MO SILVERA
SOFTWARE DEVELOPER

CONTACT DETAILS
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INTRODUCTION

I have a talent for world languages and a passion for computer ones! My background in education, management, and consulting shapes the way that I engage with team members and the way I write my code. I am a driven problem solver who won't stop until a solution is found. After years of non-profit work, I saw first-hand how software can create powerful solutions for real world issues. My career track, while successful, has taken me further and further from the concrete problem-solving I loved, so I decided to take the leap into tech! As someone who is dedicated to being a lifelong learner, I am lucky to have found software development, and I can't wait to take the next step in my professional journey.

PROJECTS

DESCONGELITO

As an community leader, educator, and advocate for immigrants and refugees, I often encountered families that had been deeply affected by interactions with law enforcement. Lacking the same rights as citizens, both documented and undocumented immigrants are at risk for 'disappearing' within the incarceration system and losing contact with their families and legal representation. To help lessen this risk and reduce trauma to families, I created Descongelito; an emergency plan invocation application, designed to send multiple custom pre-populated communications to user designated contacts all at the touch of a button. Upon activation of the emergency alert, the users location is logged on a global 'heat map' allowing all users to track community interaction with law enforcement. Built with HTML, Javascript, ReactJS, GoogleMaps API, and EmailJS, a user is able to create, read, update, and delete information regarding their contacts and emergency messages, send messages to emergency contacts, as well as view the global heatmap related to interactions with law enforcement. Descongelito is styled using CSS, Bootstrap, and reactstrap. The UI/UX is streamlined for intuitive use during emergency, ensuring successful emergency plan invocation.
https://github.com/MoSilvera/descongelito

NUTSHELL

Built with HTML, CSS, Javascript, Browserify, Grunt, and ESLint, Nutshell is a dashboard application used to organize the user's daily tasks, events, news articles, friends, and chat messages. I was responsible for the creation of all modular async API calls, as well as all features related to user articles.
https://github.com/MoSilvera/nutshell

ACADEMIC HISTORY

- B.A. Spanish Language| Middle TN State University 2013
- Certification to teach English as a Second Language | TN Foreign Language Institute 2014
- Certification of Completion, Full-Stack Developer Bootcamp | Nashville Software School 2019

EXPERIENCE

SOFTWARE DEVELOPER

Nashville Software School | January 2019 - present

- Hands on application of OOP fundamentals through group and individual projects reflecting real world business problems
- Source code version control with Git/Github
- Experience leading teams and structuring workflow on front end projects
- Project management/tracking with Github Projects & Issue tracking
- Built single-page applications with HTML, CSS, JavaScript, ReactJs, ReactStrap,and Bootstrap
- Task Automation with Grunt, linting with ESLint, module bundling with Browserify
- Application design through white-boarding dependencies and building ERDs

DIRECTOR OF ENGLISH PROGRAMS

University of Tennessee's Institute for Public Service| TN Language Center | 2017 - 2019

- Responsible for budgeting, revenue generation, hiring, firing, and performance evaluation for three distinct departments within a state agency/University
- Managed multiple concurrent grants, both state/federal, and private, including all proposal writing, data tracking, and documentation
- Designed and executed diversity, inclusion, and cross cultural communication trainings for the purpose of educating public and private industry
- Experienced in client facing relations including the creation of individualized content, custom classes, and specified lessons, based on client focused acceptance criteria and budgeting needs.
- Strategic planning and implementation of large scale projects such as multi-organization Collective Impact Literacy initiatives, digitization of state certification testing, and new internal program creation
- Demonstrated history of multi-team management over multiple departments for both full time and part time employees (25+)

MANAGER OF REFUGEE YOUTH PROGRAMS/ADULT EDUCATION SPECIALIST

Nashville International Center For Empowerment | 2015-2017

- Created curriculum to reflect industry and education best practices
- Responsible for management, recruitment, training, and coordination of teachers and volunteers involved in youth and adult programs
- Designed programming for a wide range of age groups (4th grade-adult)
- Regularly reported to both the CEO and Board about internal progress and initiatives