

Surafel Defar

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TECHNOLOGIES

I currently focus on JavaScript, React, Node.js and their ecosystem, but I have worked with the following languages and frameworks throughout my career; Python, Java, C, Scheme, web2py, Flask, Elasticsearch, Firebase, relational databases, Twilio, Google maps, Adobe Photoshop, illustrator and plethora of other libraries and tools

EXPERIENCES

Software Engineer, Fr8star 2016 - Present

Calculate freight costs and book equipment shipping instantly with specialized freight carriers.

- Led the way in creating our in-house client side framework using react, mobx, node.js and other different libraries
- Led the way in creating a very efficient app architecture for our client side and middleware backend
- Developed and integrated different marketing and analytics software. Google, facebook mixpanel etc...

Co-founder, Zagol 2016 - 2016

A new visual way to browse foods around your area

- Developed geofencing algorithm to selectively get restaurants around a specific area
- Used React, Node.js, Express to create an mvp and integrated Elasticsearch to efficiently search data
- JWT to authenticate users and define role-based access, unit test with tape and deployment with pm2 on Amazon AWS
- Used google location and google maps api to poll and merge restaurant information with our existing data

Lead Developer, Tax Shield and Titan Tax 2014 - 2016

A CRM website for tax companies

- Developed the initial version of a tax SaaS application that integrated with different tax software and bank products.
- Created a live call analytics app using react, Node.js, Firebase and Python Flask that displays thousands of calls live, as they are being placed and recorded for later analysis
- Designed authentication, authorization and different user role hierarchies. Used new ways to develop a secure web application as this software dealt directly with money distribution and tax information of customers
- Created different file converters, check printers and batch scripts for automating different processes

Software Engineer - Project Architect, MyFinalResume 2013

A website where employers can filter applicants based on different criterias

- Complete website creation, backend - frontend using python and the web2py web framework

Web Developer and Designer, Valley Transportation Authority 2012

Worked as site maintainer and web developer intern for the company wide intranet during the summer of 2012

- Designed different web pages using HTML/CSS Javascript

Software Engineer, #1 Airport Shuttle 2011 - 2012

A shuttle reservation website for a small business based in san jose

- Responsible for developing an entire reservation and dispatching pipeline web app

PROJECTS

Voice Notifies - Access Google Voice from the menu bar of your mac <http://voicenotifies.com> 2018

Read Time - A chrome extension to estimate time to read a webpage github.com/usergit/reading-time 2016

Doro map - mapping application something akin to google maps c. 2005 2008

EDUCATION

San Jose State University - BSc in Computer Science 2014

Interests and likes - I used to be an avid tennis player, I still play when I find the time. I love going on hikes. I like efficiency and minimalism, I always try to find new ways to gain more time by automating chores