

Surafel Defar

San Francisco Bay Area | (408) 364-6549 | contact@surafel.com | surafel.com | [linkedin.com/in/surafeldefar](https://www.linkedin.com/in/surafeldefar)

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

Senior Software Engineer, Apple 2018 - present

Working on the mapping team that powers apple maps.

- Working on the infrastructure that powers apple maps using react and graphql

Software Engineer, Fr8star 2016 - 2018

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

- Led the way in creating a very efficient app architecture for our client side and middleware backend by developing our in-house client side framework using react, node.js and other different libraries
- 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

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