CANG LE

San Jose, CA | 408.221.8739 | cang.b.le@gmail.com | US Citizen
SOFTWARE ENGINEER

SUMMARY

Two years of hands-on software engineering experience, specializing in:
- Frontend development (UI) with Javascript and React-Redux
- Backend development (APIs) with Node.js and PostgreSQL
- Object-oriented programming and design patterns
- Data modeling, persistence, and relational databases

EDUCATION

Galvanize — Web Development, Dec 2017
San Jose State University — B.S. Finance/Economics, May 2012

WORK EXPERIENCE

AFERO LTD.
SOFTWARE ENGINEER | JUL 2018 - SEPT 2019

Led and developed two internal and one external frontend application from scratch, and redesigned one monolithic application into well and scalable systems.

- Developed an inspector tool, a software that allows developers to view and interact with their IoT devices at a massive scale with an in-depth, real-time view of the state of all their connected IoT devices. Inspector is capable of handling data from the cloud transmitted by 500K+ devices, and enable Fortune 500 companies such as Home Depot & Kenmore to data mine for improving their product functionality. To handle these data I used React's lifecycles to optimize the speed and scalability.
- Designed and developed two internal apps to facilitate the QA team's daily task of querying historical data, resulting in decreasing query execution time by 30 mins. The apps provided an easy-to-use interface to query and filter devices' data for their entire lifespan.
- Researched and implemented new CSS grid system to optimize the rendering speed of the DOM by reducing 40% of CSS code.
- Increased a legacy app's speed by 60% by converting vanilla JavaScript to React and redesigning UI features.
- Contributed to RESTful APIs by using Java and Spring framework.

OUTSIDE-2-INSIDE
FRONT-END ENGINEER INTERN **|** JAN 2018 - MAY 2018

Designed a pixel-perfect website by collaborating with project managers and designers to create a website and electronic direct mail campaigns

CORPORATE FINANCE
ANALYST | 2012 - 2017

Five years of finance experience with the following companies before switching to software engineering: SunEdison, Veritas Technologies LLC, and CGI Inc.

PROFESSIONAL & PERSONAL PORTFOLIO

Portfolio - http://cangle.s3-website-us-west-1.amazonaws.com
Github - github.com/cangle007

VOLUNTEER WORK

Producer at *Digital Clubhouse Network,* a 501(c) non-profit organization, with the goal of reaching out to the community and engage students in conducting oral history interviews to preserve the stories of our nations war veterans and others who served our country in it's time of greatest need. We received a special commendation from the San Jose City Council for our leadership and were featured in PBS's documentary, "Vietnamese American Journey".

SKILLS

— Front-End
Javascript
HTML/CSS
Scss/Sass
React-Redux

— Back-End
Java Spring
Node.js
Express.js
Knex.js
PostgreSQL
Python

— Others
MySQL
Linux
Chai
Socket.io
Webpack
Git
AWS(RDS & EB)

AWARDS

Commendation for Public Service from the Mayor of San Jose & California State Assembly

Smithsonian Institution Medal for leadership in preserving history of our nation war veterans

California Legislature Assembly Recognition for college academic achievement

INTERESTS

Skydiving: Jumped 18,000ft & 24,000ft and lived to tell the story

Badminton**:** Men Doubles for SJSU's badminton team