

Harold Cabalic

Software Engineer, Front End

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EXPERIENCE

Pinterest, San Francisco — Data Platform Software Engineer

FEBRUARY 2020 - JANUARY 2023 (VIA DEWINTER GROUP LLC)

A member of the KV Systems team, providing the most widely used key/value storage service for our engineers. Given my frontend experience, I was asked to develop UI tooling that benefitted both our team and any Pinterest engineer that required key/value data storage.

- Developed KVStore App, a React+Redux/Typescript UI for dataset requests. This replaced JIRA & expedited the dataset request process
 - KVStore App at a high level was Form + Queue components
 - Form data validated with Yup & submitted to MySQL
 - Record of datasets allowed our team to interface with the other services we provided, which include backups, migration, auto dataset creation
- Developed KVStore Metadata, another UI tool in React/Typescript
 - user-friendly, filterable table of dataset metadata
 - improved visibility of all dataset use cases used by all engineers in Data Engineering org
- Developed generic k/v client interface in JAVA, REST API in Python and support for usage
- Fine-tuning & provisioning clusters with AWS instances
 - changing instance types on legacy storage clusters to increase storage space (with minimal reduction in speed) for thousands in cost savings, and increased stability
 - ensuring that cluster is provisioned from AWS subnets that have ample instances in specific availability zones
- Primary responsibility was to contribute to a large dataset migration from four legacy key/value systems, which led to an annual cost savings of \$10M+. Additional responsibilities: monitoring system health, fine tuning alerts, on-call support, cluster maintenance, etc.

Freelance, San Francisco — Software Engineer, Front End

2017-Present

Frontend engineer for various projects in different capacities, including:

- PR.com - <https://pr.com> implement redesign using Foundation
- DecisionNext - <https://decisionnext.com> d3, React
- Pure Project - <https://purebrewing.org> Shopify
- Tucker & Bloom - <https://tuckerandbloom.com> Shopify
- Quartet Health - <https://quartethealth.com> Wordpress
- ElevateXP - <https://elevateproductions.com> Wordpress

SKILLS

Encourages clear communication within team

Flexible in driving projects, and proud role-player

Humbly adapts to the changing needs of the org

Accepts peer guidance, but loves tutoring colleagues

Open minded and accountable

Effective in high-stress situations - father of twins

TECHNOLOGY

Git, SVN

React, Next.js

NodeJS, Express

Bootstrap, Foundation, TailwindCSS, Bulma

BEM (CSS methodology)

Webpack, Gulp

Drupal, Wordpress, Shopify

IntelliJ IDEA, VS Code

Photoshop, Zeplin, Sketch

AWS

REST, GraphQL

D3

LANGUAGES

HTML

CSS/SCSS

SquareTrade, San Francisco — Software Engineer, Front End

2011 - 2017

- Full site rebrand and CMS upgrade (Drupal 5 to Drupal 7 migration)
- Developed custom CSS framework based off Bootstrap to provide mobile friendly experience
- Implemented mobile friendly redesign of major workflows - checkout, file-a-claim, registration
- Collaborated with webteam to establish company UI standards, improving the workflow & communication between design & engineering

Javascript/Typescript

Python

JAVA

MySQL

WeissComm Group, San Francisco — Web Developer

2009 - 2011

Primary developer for WCG (now “Real Chemistry”), a digital agency for companies in medical device & pharma industry

- Implemented highly intricate website designs into Hotbanana CMS (Coldfusion)
- Notable clients included:
 - Pfizer
 - MyZeno (MTV)
 - Viveve
 - Medtronic
 - Intuity Medical

Inter@ctivate/SiteLab Int., San Diego — Web Developer

2006 - 2009

- Started career as HTML Email Developer
- Converted to Web Developer and produced frontend (HTML/CSS/jQuery) for clients in Real Estate & Produce industries
- In-house CMS ZIA (PHP), along with Joomla, Wordpress, Drupal
- Notable clients included:
 - Jenny Craig International
 - Wolfgang Puck
 - Sunkist Growers
 - California Avocado Commission
 - John Laing Homes

EDUCATION

University of California, San Diego

BS Interdisciplinary Computing in the Arts Major (ICAM Music) 2001-2005

3.3 GPA; Music production with an emphasis of being agnostic to software. Pre-requisite courses included CS & Web Development