CHARLES KAMINER

SOFTWARE ENGINEER

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Summary

I am a charismatic problem solver who strives to make code readable, testable, scalable, and fun to write. I appreciate working on communicative, iterative teams because they provide everyone with an opportunity to learn more about their product, customer, and each other.

Skills

LANGUAGES

Golang
JavaScript
Python
Bash
SQL
Ruby

FRAMEWORKS/TOOLS

PostgreSQL
React
Docker
Linux
Pivotal Cloud Foundry
CI/CD (Jenkins)
Test-Driven Development
Paired Programming

Experience

Technical Solutions Specialist
Signature Consultants, at Google
New York, NY
June 2019 to Current

- Contribute to open source tools used by election data providers from around the globe to ensure a seamless transition of data on election night
- Assist on QA and deployment of How To Vote, How To Register, and Election Results One Box search features
- Automate the creation and management of configurations to ensure features are launched according to the spec for a given election

Agile Software Developer
Allstate - Compozed Labs
Charlotte, NC
Feb. 2017 to May 2019

- Full-stack agile (XP) development using Go, React, SQL Server, Jenkins, and Pivotal Cloud Foundry on small teams
- Work in Infrastructure Services (Automation Engineering) division of Allstate
- Work closely with other areas of business to accomplish business needs and integrate with other software teams throughout the enterprise

Actuarial Assistant
Milliman
Denver, CO
Feb. 2015 to Mar. 2016

- Consulting team focused mainly on ACA navigation for commercial health carriers including pricing and periodical analysis
- Passed the first two SOA exams in Probability and Financial Mathematics

Projects

App Fabric Marketplace
Dec. 2018 to May 2019

This is an internal application at Allstate with a React front end to go along with a Node backend. It is a tool to help new development teams launch their applications natively in Pivotal Cloud Foundry or assist existing development teams in the transition from traditional on-premises environments into the cloud. The services range from the provisioning of tools to the creation of skeleton code bases. We successfully cut the time it took to go from application inception to first commit from three weeks to one day.

Anubis
June 2018 to Jan. 2019

This is an internal API at Allstate that provides a RESTful interface for product and people data within the enterprise. Written in Go with a SQL Server database, Anubis allowed me to deeply explore API development from a data first perspective. The team rolled out custom solutions for a reverse proxy, outgoing data change subscriptions, role based authorization, JWT authentication across multiple service components, real-time API contract validation, and API versioning.

Civics CDF Validator
June 2019 to Current

This validation tool is used by election data providers across the globe to ensure that their feeds meet the standards required by Google to launch the Election Results One Box feature. In addition to creating rules that are regularly being added to the backlog, my contributions include bringing the test coverage up from less than thirty percent to greater than 95% coverage.

Volunteering

Allstate Charlotte Lab · Organized Learning Leader
Dec. 2017 to May 2019

- Put together a rotational program for the entire lab to participate in on learn days
- Recruit speakers, plan projects, book group working locations, order catered lunch monthly

Mentor
Sept. 2017 to Current

- Semi-weekly Zoom calls to pair on assignments or go over course material
- Worked with FE, BE, and Full Stack students in JavaScript and Ruby

Education

Turing School of Software & Design
Back End Engineering

Clemson University
B.S. Mathematics