Kevin Luong

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kevinluong96

Systems Design Engineering | Class of 2020

Skills

JavaScript, Go, Python, PostgreSQL, HTML, (S)CSS, C++, C#

React, Redux, RxJS, Node, Django, Webpack, Express

Kubernetes, Docker, Terraform, Gitlab CI/CD, AWS, Google Cloud Platform

Experience

Cloud Engineer | *Splunk,* San Jose CA   Sept 2018 - Present

- Implemented ephemeral credentials into the **Gitlab CI/CD** build process utilizing **Kubernetes, Go, Vault**, and AWS (**IAM** and **EC2**), dynamically injecting build variables increasing pipeline security and developer productivity for hundreds of products in Splunk Cloud.
- Automated incident management in **JIRA** and Gitlab via Slack bot written in Go deployed on k8s.
- Hosted a continuous inspection application on **Kubernetes** using **AuroraDB** and **Terraform** ensuring high availability, and integrating with **Okta SSO** scanning hundreds of repositories on Gitlab.

Full Stack Engineer | *Correlation One*, New York NY   Jan - Apr 2018

- Architected, implemented and tested a full stack social media platform utilizing the **Google Cloud Platform** stack (Compute Engine, Storage, Firebase, CloudSQL).
- Designed and built a polished user interface using **React**, **Redux**, and **Redux-Observable**.
- Created a **RESTful API** following micro-service architecture in Golang supporting following users, tagging content and basic auth with **OAuth 2.0** register, and **JWT**.
- Developed specifications for data models, **SQL** queries and implemented database in **PostgreSQL**.

Software Engineer | *Connected Lab*, Toronto ON   May - Sept 2017

- Built a conversational/voice interface prototyping tool using **Redux-Observable** and **MongoDB** allowing deep analysis of voice configurations and Alexa utilized by a billion dollar CL client.
- Created an operations portal and data visualization tool using **React-Redux** and **Spring** for one of Canada's largest retailers to manage 1000's of orders across Canada.
- Developed the Amazon Alexa music playback skill for iHeart Radio.

Software Engineer | *Smart Technologies,* Calgary AB   Sept - Dec 2016

- Designed, implemented and tested features in a collaborative whiteboard platform improving lesson flow and student interaction for thousands of users worldwide.
- Led web development of the end to end creation of a polished educational game made with **JavaScript**, **CSS** and **HTML** shipped in Q1 2017.

Interests

Books, men's fashion, NFL, NBA, board and video games, foosball