Kevin Leitch

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Summary of Skills

Languages: C++, C, Python, JavaScript & TypeScript, Java, OCaml, Racket, C#, Scala, HTML & CSS / SASS

Technologies: AngularJS, Angular2+, React, React Native, RxJS, Redux, NodeJs, Express, MySql, Postgres, MongoDB, Redis, Nginx, Spring, Flask, Play, .NET, JEST, Jasmine, Selenium, Bootstrap, RabbitMq, Netflix Zuul

Dev Tools: Git, Docker, Kubernetes, Ansible, Vagrant, AWS (Lambda, EC2, S3, ECR, RDS, SES...), Android SDK, Jenkins, Github Actions, Windows, Linux, Mac, Jira, Agile Methodologies, RESTful API, Websockets

Work Experience

Zola - Software Developer   *New York, Sept 2019 - Dec 2019*

- Setup centralized deployment with web interface for production and development environments using Ansible AWX allowing for queueing, parallel builds, and additional logging. This resulted in no more blocked deployments saving every dev many minutes on daily deploys.

- Designed content management system with react frontend for creating targeted user signup questionnaires for all new users on zola.com. This allowed marketing to easily change questions allowing for better user feedback and increased engagement.

- Used Stripe API to remember payment details in accordance with security and data laws allowing for faster checkouts.

Ultimate Software - Software Developer   *Toronto, Jan 2019 - Apr 2019*

- Helped implement a gateway using Netflix Zuul for dynamic routing between product services, resulting in decreasing server loads and optimizing performance across shards.

- Implemented multi-level caching scheme for multiple applications comparing Redis vs EhCache schemes.

- Created large set of unit and integration tests using Spring MVC Testing framework for old untested code. Designed a new test suite plan required for all future code to help achieve 100% code test coverage.

Sony - Software Developer   *Waterloo, May 2018 - Aug 2018*

- Worked on experimental technology app from the starting design phase, to the first implementation, and interacting with product testers and customers to iterate on design decisions.

- After dealing with slow processing speeds due to unchangeable hardware limitations, designed and pitched ideas on how to offload processing to a centralized server which were ultimately accepted and fixed bottlenecks.

Microdea - Full Stack Developer   *Markham, Sept 2017 - Dec 2017*

- Redesigned entire website from old Java Play framework monolith to highly readable Angular2+ modularized codebase. This drastically increased performance on document editing which customers expressed extreme satisfaction with.

Imagine Communications - Full Stack & QA   *Waterloo, Jan 2017 - Apr 2017 & May 2016 - Aug 2016*

- Took proof of concept video sports web casting replay system and created web application with AngularJs which was presented at NAB 2017 trade show.

- Created an automated test suite for media workflow ecosystem, speeding up quality assurance work drastically with new regression tests automated to run nightly since testing was a long process.

Projects

Spot: Social Media Web App - spottables.com (User: SpotGuest, Pass: Welcome1) *Jan 2020 - Now*

About: Location based anonymous social media board you can share with friends in secret.

- Angular10, MySql8, Express, NodeJs, Facebook Graph API, Google API, Tensorflow, Passport.js, using AWS and containerization with Github Actions development pipelines, IOS/Android react native app in development.

WhatsTheHype: Stock Vs Subreddit Mentions - 🐙 **github.com/krleitch/WhatsTheHype**   *Jan 2021*

About: Compare the performance of a stock to how many times the ticker is mentioned on any subreddit.

- Python3, yFinance Api, Reddit Api, Pushshift Api, Numpy, Pandas, matplotlib.

Video Game Mapping - 🌐 **Map Homepage**   *Jan 2013*

About: Created and marketed minecraft map which received **90,000+** downloads with revenue generating ads.

Education

University of Waterloo - Bachelor of Computer Science, Honours, Co-op   *2015 - 2020*

Interests

Guitar, Powerlifting, Running, Cooking, Chess, Hockey, Basketball, Tennis, Gaming, Hackathons, Open Source.