

Alexander Kleinhans

Full-Stack Developer & ETL Developer

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Overview

I'm a 22 year old, full-stack developer. I have experience in front-end development, back-end development as well as experience extremely with large data-base and ETL development from work aggregating massive amounts of time-sensitive, housing-market data for IDX databases for over 50 independent real-estate brokerages (all on one platform). I've worked on numerous languages professionally and even more on my spare time than is worth listing.

I'm very familiar with MVC architecture, numerous stacks, and dealing with third-party APIs (such as OAuth). Experienced doing agile development with large teams using Git, JIRA, (and SVN unfortunately). Religious vim user. Experienced with AWS and some DevOpsy tools like Docker. I'm developing a serious fondness for functional programming and am learning Haskell and Ocaml on my spare time. I love data-visualizations, anything 3D and anything pretty!

July 2016 - Present

Booj (Real-Estate Technology) - *ETL Developer*

Help manage and develop on a highly-complex and large, time-sensitive ETL platform for aggregating real-estate data from over 150 MLS (Multiple Listing Services) boards into client specific IDX (Internet Data Exchange) databases for over 50 nation-wide, independent real-estate brokerages (including Kentwood in Denver), mostly in (but not limited to) Python, SQL, and bash. Also syndicated data to third-parties such as Zillow, Trulia, Redfin, and Luxury Portfolio. Helped develop and maintained multiple codebases with multiple version control systems on multiple, remote batch servers.

June 2015 - July 2016

Denver Website Repair - *Full-Stack Developer*

Worked on highly diverse set of LAMP stack (Linux, Apache, MySQL, PHP) web-applications doing both front-end and back-end MVC style development in numerous languages. Recovering some compromised applications, implemented some security measures, and built additional RESTful services for applications. Also integrated additional third-party APIs (such as single-sign on for Google and Facebook) over protocols such as OAuth2.0. Largest project was an educational organization with over 12k student accounts.

Education

Fall 2013 - Spring 2015

University of Colorado, Denver - *Computer Science (not yet completed)*

Attempted to major in Computer Science and Chemistry for two years. Started working as a web-developer instead.

Skills

Programming Languages:

Python, SQL, Golang, C++, Java, PHP, Javascript, HTML, CSS, Ruby, and some others...

Platforms:

Postgre, Redis, Docker, Apache Spark, Cassandra, GnuBatch, MySQL, and some others...

Tools:

Vim, Vagrant, Git, SVN, Screen, Bash, Sed, Awk, Grep, and some others...

Frameworks worth Mentioning:

Laravel, SpringMVC, Bootstrap, numerous libraries, and some others...

Services:

EC2, Amazon Web Services, Heroku, Generic VPS Hosting, and some others...

Links

Github:

www.github.com/zndrk94

Stackoverflow:

<http://stackoverflow.com/users/3049865/alexander-kleinhans>