

Ryan James Noelk

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Current Address

7200 Bollinger Road Apt 603

San Jose, CA 95129

EDUCATION

University of South Florida – Tampa, FL

GPA: 3.85

B.S. Computer Science

May 2013

EMPLOYMENT

Simply Hired Inc. – Sunnyvale, CA

Software Engineer

August, 2015 – Current

- Worked with a small team to create and improve features for people seeking jobs. These features were created by using primary Django, jQuery, and SCSS. Our site sees 30 million monthly users and we are active within 24 countries.
- Redesigned and converted template language from DTL to Jinja. This improved speed, performance, reliability, and, most importantly, our users' experience.
- Updated much of the site from Bootstrap 2 to Bootstrap 4 and jQuery 1.7 to jQuery 2.1.
- Redesigned features of the site to be more user friendly on mobile devices.
- Supported network and software upgrades. For example, upgrading Django versions and upgrading production OS from Fedora to Ubuntu.
- Created selenium test infrastructure for testing desktop and mobile sites. The infrastructure was set up with python PyUnit and custom class structure to speed up testing and regression test creation.
- Supported SEO team by exposing large amounts of job data via web browsers that Google can crawl efficiently.
- Added significant performance enhancements to reduce search engine results page from 2 seconds to less than half a second.
- Supported product team by setting up various A/B tests and proving input on new designs. These tests help to determine which designs are best received by the users.

Verizon Data Services – Tampa, FL

System Engineer/Tools Developer

June, 2013 – July 2015

- Used Python and PHP to create a data mining application using REST interfaces to construct automated reports from many different data logging systems.
- Employed Oracle Business Intelligence to create dynamic, real-time reporting and data analytics capabilities.
- Created a PHP web framework for test case automating. The key functionalities enabled with automation include test cases execution, work-order order emulation, service virtualization, and system interface testing. This includes test planning, tracking, and post-run analysis.
- Created an automated system for categorizing and validating data points to facilitate smooth test execution, release after release. For use within SIT and UAT testing.
- Developed small web plug-ins to assist with automation and manual testing.
- Developed a simple yet effective process management tool with PHP which simplifies complex work orchestration and allows real-time visibility for the management team to monitor and track any actionable items.
- Developed custom JSON server/client in Python to automate system health checks and monitor resource usage of 100+ servers.

Aerosonic Corporation – Clearwater, FL

Quality Assurance Intern

December, 2011 – October, 2012

- Updated Acceptance Test Protocols for existing test cases and procedures.
- Supported production and quality departments with code deployments and production monitoring.
- Participated with code reviews and unit testing.
- Developed test cases for stall warning systems.

SKILLS

- 3+ years experience developing web applications using the MVC model with PHP and Python.
- 3+ years experience with Relation Databases, primarily MySQL and SQLite.
- Experience using the Django Python and Phalcon PHP web frameworks.
- Experience optimizing Apache, Nginx and, Gunicorn to host web apps.
- Experience with handling and managing large data sets within MySQL.
- Test script creation, management, and execution with Selenium in JUnit and PyUnit.
- Familiar with working inside Linux terminals (Debian/Ubuntu, RedHat).
- Understanding of client side web technologies (CSS, SASS, SCSS, JavaScript, jQuery, Bootstrap, DataTables).
- Experience working within the Oracle Enterprise Suite.
- Experience managing and working within Docker containers.
- Used HP's Quality Center and JIRA to report, track, and manage defects.
- Employed primary CVS/GIT as a versioning control system.
- Experience using Github as a code repository.

RELEVANT EXPERIENCE

Web-Based Team Ladder (<https://ladder.ryannoelk.com/>)

- Dynamic/fun ranking system for a group of players with match/player history.
- LAMP stack architecture built using Django web framework.
- Utilizes replay file decoding for quick match submission and uses game data for in-depth analysis.

Sudoku Web App (<https://sudoku.ryannoelk.com/>)

- Play randomly generated Sudoku puzzles from your computer, phone, or tablet.
- LEMP stack architecture, built using Django web framework.
- Created utilities to generate, solve, and check any square Sudoku puzzle.

Ubuntu 16.04 LTS Server

- Setup Open VPN for direct access to local systems and files.
- 3TB RAID 1 Array; configured with a samba share, Apache WebDAV, and jQuery web interface.
- Nginx server with an http proxy to Apache. This serves the above projects.

To view other projects and code samples visit my GitHub profile (<https://github.com/RyanNoelk>)
Or my website: (<https://ryannoelk.com>)