Kevin Klaes

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Experience

Rackspace

Senior Software Engineer (February 2017 - Present)

- **Technology**: Python, Javascript, React, Closure, Docker, Chef, Git, Jira
- Furthered work on notifications aggregation product that aims to reduce the number of interfaces a customer deals with.
- Enhanced server management interface for Rackspace Cloud customers by expanding functionality and squashing bugs. Migrated Closure components to React where appropriate to further application rewrite project.
- Briefly contributed to company wide navigation project by providing customizable components and a flexible offering across teams.
- Led code review efforts to increase product quality and maintainability. Collaborated on code standards and process expectations.
- Spearheaded efforts to clean up legacy code and maintain up to date software/framework installations. Migrated legacy application infrastructure to a consolidated Rackspace OpenStack installation.
- Active participant in multiple teams across the organization in an Agile development environment.

Raytheon Foreground Security

Lead Software Engineer (October 2016 - February 2017), Senior Software Engineer (March 2015 - October 2016)

- **Technology**: Python, Django, Postgres, jQuery, Docker, Linux, Git, Jira
- Led design and development for new features within a distributed web-based application used to identify malicious activity on customer networks and manage investigations of incidents.
- Managed requirements from product owners and user group to provide accomplishable tasks to a distributed development team.
- Created new interfaces to integrate with external SIEM devices like McAfee ESM, Splunk, and Solera Bluecoat.
- Introduced pair coding efforts to reduce bottlenecks during pull requests, prevent new bugs, and reduce code review time.
- Formalized a code review process after introducing team code reviews to increase code quality.
- Rapidly developed prototype application with external team to aggregate corporate network data and detect malicious activity.
- Assisted scrum master with changes to software development process when transitioning to Agile and Kanban.

FPX (Glider.com)

Software Engineer (June 2014 - March 2015)

- **Technology**: Python, Django, MySQL, Flight JS, RequireJS, jQuery, Bootstrap 2/3, Less, Chef, Jenkins, Codeship, Apache, nginx, Linux, Git, Jira
- Expanded existing Django application to incorporate new business requirements including placeable signatures in PDF documents and user group assignments for workflow tasks.
- Built a scalable and reusable front-end Javascript application utilizing Twitter Flight JS and RequireJS.
- Integrated contract management solution with other FPX other products and SalesForce platform.
- Improved automated testing to increase application consistency by introducing continuous integration tools.
- Assisted with project planning and direction relating to future feature releases, hardware migrations, and software upgrades.

University of Minnesota: Twin Cities

Web Developer and Systems Administrator (March 2012 - July 2014)

- **Technology**: Python, Django, MySQL, Memcache, Bootstrap 2/3, jQuery, Puppet, Apache, nginx, Linux, Git, Shibboleth (SSO), Selenium, nose, unittest
- Maintained internal department applications based in Django and Python. Applications utilized HTML5 and Javascript/jQuery to enhance the user application and experience. Implemented REST API using Django Rest Framework to decouple front end and back end components of the application.
- Implemented test driven development for all new features and wrote tests with Selenium for legacy code after documenting the purpose and evaluating functionality.
- Self initiated efforts to improve undocumented code and increase compliance with best standard coding practices (PEP8, DRY, TDD).
- Secured web applications by introducing and working with application owners and users to define access controls to specific parts of their applications.
- Advised and worked with faculty to develop professional websites (primarily Math Insight),improve usability, and encourage software development best practices.
- Rebuilt department event application and integrated with Google Calendar to increase visibility to students and encourage subscriptions.

Volunteering

Canine Companions for Independence

Volunteer Puppy Raiser

- Raised two labrador retrievers from eight weeks to adult maturity while providing socialization and public training opportunities to prepare the puppy for a career as a service dog.

Education

Bachelor's of Science in Mathematics

University of Minnesota: Twin Cities (Spring 2013)

- Coursework at the University of Minnesota focused on actuarial mathematics, intermediate economics courses, and cryptography.