Miguel Alex Cantu

Software Developer

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SKILLS

Agile software development; Python; Cloud Computing; OpenStack; DevOps;
Ansible: Salt; Chef; Networking; Systems programming; Bash; Linux;
Application development; Django; Flask; SQL

RELEVANT EXPERIENCE

Rackspace, San Antonio- *Software Engineer III*

June 2016 - August 2017

- Add to and extends features of the OpenStack Ansible Deployment
  open source community project.
- Add to and extends features of the RPC OpenStack product.
- Add to and extends features of the OpenStack platform as
  upstream bugs and issues are identified.
- Facilitate design discussions with developers from Rackspace as
  well as the OpenStack community and documents own designs
  with blueprints.
- Actively participate in regular OpenStack Ansible meetings and
  contribute to discussion on the designs from the community.
- Actively participate in regular RPC OpenStack meetings and
  contribute to discussions on designs internally.
- Actively provide code review feedbacks to code commits from the
  OpenStack community and from other Rackspace developers in
  OSA and RPC OpenStack projects.
- Write clean, maintainable code that is suitable for continuous
  integration and deployment (CI/CD), following best practices and
  guidelines from Rackspace and the OpenStack community.
- Debug code, servers, and networking to troubleshoot problems
  and develop solutions for production issues.

- Collaborate with other developers, quality engineers (QE), ops engineers and support engineers to ensure smooth deployment, continual operation and fanatical support of quality software.
- Mentors emerging developers.
- Contribute to Rackspace strategy on productizing OpenStack features.

Rackspace, San Antonio *- DevOps Engineer II*

June 2013 - Jun 2016

- Deploying, managing, and configuring Rackspace Private Cloud Software. This involves working with the Ansible configuration management suite and many core Linux technologies. These technologies include Linux containers, databases, hypervisors, Linux networking, and many other popular Linux features and packages. The job also involves deploying, testing, and managing most(if not all) of the Openstack component services. This includes, cinder, neutron, nova, glance, swift, and keystone.

University of Texas in San Antonio, San Antonio *- Undergraduate Computer Science Researcher*

August 2012 - July 2013

- The research was focused on virtual reality games for rehabilitation. The games are geared towards individuals with mobility impairments and are for the specific use of rehabilitation exercises. I worked with the Microsoft Kinect SDK, Unity, VRPN, and UIVA. Although these are the primary technologies I worked with, I was exposed to other virtual reality technologies.
- The research also consisted of running studies which involve a lot of human interaction and data analysis.

CERTIFICATIONS

- Red Hat Certified Engineer for RHEL 7 (RHCE)
- Red Hat Certified System Administrator (RHCA)
- Cisco Certified Network Associate (CCNA)
- Cisco Certified Entry Network Technician (CCENT)
- Certified OpenStack Administrator
- Rackspace Certified OpenStack Technician

EDUCATION

University of Texas in San Antonio, San Antonio - *Computer Science - Magna Cum Laude*

2009 - 2013