
Miguel Alex Cantu

Software Developer

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Github: <https://github.com/alextricity25>

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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

- Added to and extended features of the OpenStack Ansible Deployment open source community project.
- Added to and extended features of the RPC OpenStack product.
- Added to and extended features of the OpenStack platform as upstream bugs and issues are identified.
- Facilitated design discussions with developers from Rackspace as well as the OpenStack community and documented own designs with blueprints.
- Actively provided code review feedbacks to code commits from the OpenStack community and from other Rackspace developers in OSA and RPC OpenStack projects.
- Wrote code that is suitable for continuous integration and deployment (CI/CD), following best practices and guidelines from Rackspace and the OpenStack community.
- Debugged code, servers, and networking to troubleshoot problems and developed solutions for production issues.
- Mentored emerging developers

Rackspace, San Antonio - *DevOps Engineer II*

June 2013 - Jun 2016

- Deployed, managed, and configured Rackspace Private Cloud Software
- Worked extensively with Ansible configuration management suite
- Worked extensively with many Linux technologies such as containers, KVM hypervisor, Linux networking, and many other Linux features.
- Deploying, testing, and managing OpenStack component services such as Cinder, Neutron, Nova, Glance, Swift, and Keystone
- Worked and coordinated with multiple partners, clients, and departments through professional service contracts to deploy OpenStack private clouds.

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

August 2012 - July 2013

- Research focused on virtual reality games for rehabilitation.
- Altered games that are geared towards individuals with mobility impairments and are for the specific use of rehabilitation exercises.
- Assisted with the design of user interaction with the games.
- Conducted multiple human trials and assisted to coordinate with the participants.

TECHNICAL 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