

JESSICA CLAIRE

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SUMMARY

- Over 4 years of experience in Analysis, Design, Development, Management, and Implementation of various standalone and client - server architecture-based enterprise application software.
- Experience in each phase of software Development life cycle (SDLC) in Agile Software Methodology and the waterfall methodology.
- Exposed to all aspects of software development life cycle such as Analysis, Planning, Developing, Testing and Implementing and Post-production analysis of the projects.
- Extensive experience of working with the build and deployment of large-scale applications.
- Hands on experience with Subversion and GIT.
- Experience in Administration / Maintenance of source control management systems such as Git Hub and Subversion SVN. Created tags and Branches, fix the merge issues and administered Software Repositories.
- Hands on experience with bug tracking tools like Tracker, Jira, HP Service Manager and TFS.
- Experience in a UNIX environment and expertise in several flavors of Linux including Red Hat, CentOS, and Ubuntu.
- Strong experience in System Administration, Installation, Upgrading Patches, Configuration, Troubleshooting, Security, Backup, Disaster Recovery, Performance Monitoring and Fine-tuning on Red Hat Linux Systems.
- Experience writing Ruby, Python, Shell (Bash), Perl and Batch/PowerShell scripts to automate the deployments.

SKILLS

- | | |
|---------------------------------|--|
| • SVN, Git | • Perl, Shell (Kshell, Bash), Python |
| • Jira, TFS | • Django |
| • Jenkins, Ansible, Kafka, HPSA | • MySQL, PostgreSQL, Oracle DB, MS-SQL |
| • Amazon Web Services (AWS) | • Windows(2K8,2K12,2K16), Linux (RHEL, Ubuntu, Centos) |

EXPERIENCE

12/2018 to Current **Python Developer**

Cognizant Technology Solutions – Dayton, NJ

- Developed most of the application part in Linux environment and very much familiar with all of its commands.
- Assist with maintaining current build systems, developed build scripts, and maintained the source control system.
- Experience in using collections in Python for manipulating and looping through different user defined objects.
- Used python and bash for automation of different installations like Perl packages and Anthillpro.
- Worked on Ansible deployments, written various Ansible playbooks with multiple roles, tasks with loops, templates, service management, host variables, group variables etc.
- Used Ansible to manage Web applications, Environments configuration Files, Users, Mount points and Packages.
- Ansible playbook for application deployment and configuration management, orchestration on virtual instances to install and push initial configuration.
- Experience of various Python application development and CI/CD pipeline tools like GitHub, Jenkins and Unix shell scripting.
- Involved in Python OOP code for quality, logging, monitoring, and debugging code optimization.
- Created Unit test/ regression test framework for working/new code.
- Automated installation of the universal Splunk forwarder on several Unix servers.
- Developed several standalone scripts for the installing and the uninstalling different RPM's.

09/2017 to 11/2018 **AWS Python Developer**

Cognizant Technology Solutions – Dayton, OH

- Built CI pipeline to automatically test all code commits and CD pipeline for developers to ship code to production.
- Implemented Continuous Integration using Jenkins and TFS.
- Developed Views and Templates with Django view controller and template architecture to create a user-friendly website interface.
- Configured the Django admin site, dashboard and created a custom Django dashboard for end users with custom look and feel.
- Used Django APIs for database access.
- Coordinate and assist developers with establishing and applying appropriate branching, labeling and naming conventions using GIT source control.
- Designed and implemented scalable, secure cloud architecture based on Amazon Web Services.
- Built scalable Docker infrastructure for Micro services utilizing ECS - AWS Elastic Container service by creating task definition json file.
- Composed high level Kafka producers and consumers for the data streaming across various databases.
- Created the REST API using python and used DJANGO.
- Strong Expertise in working with server-side technologies including databases, Restful API and MVC design patterns.
- Designed and developed components using Python with Django framework.
- Implemented code in python to retrieve and manipulate data.

09/2016 to 08/2017 **Linux Admin-Intern**

Galaxy I Technologies – City, STATE

- Performing capacity analysis, monitoring and controlling disk space usage on systems.
- Monitoring system activities and fine-tuning system parameters and configurations to optimize performance and ensuring security of systems.
- Install, configure, and troubleshoot enterprise-wide Apache web servers and Tomcat application containers in a large Red Hat Linux/Centos environment.
- Deploy, upgrade and maintain application and web servers.
- Designing Firewall rules for new servers to enable communication with application.
- Providing technical support for internal users and resolving trouble shooting tickets.
- Red Hat Package Management (RPM) and YUM package installation and maintenance.
- Remote system administration via tools like SSH and Telnet.
- Works with Database administrators to tune kernel for Oracle installations.
- Provide After Hours and On-Call Linux support to Development team & internal customers.
- Monitor system activities and fine tune system parameters and configurations to optimize performance

EDUCATION AND TRAINING

08/2016

Master of Science: computer engineering

California State University - Fullerton, CA