Rutul Patel

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WORK SUMMARY

- Around 3.5 years of scripting and programming experience in Software engineering with interest in full stack application development, devops and system engineering.

- Strong knowledge of automated deployments of enterprise level applications & system engineering for maintaining servers and applications.

- Experience in automating code deployments using CA Release Automation, Jenkins and shell scripts for Continuous Integration and Delivery.

- Excellent skills in troubleshooting deployment/application issues and fixing them with root cause analysis.

- Experience working with Atlassian suite, Docker, Chef, ELK, Jenkins, GIT, etc.

- Experience working with ticketing system like Service-Now, Jira, BMC Remedy, etc.

- Solid understanding in all phases of Software Development Life Cycle & Agile Methodologies.

- Quick learner and up-to-date with industry trends. Excellent written and oral communications and a team player. Excellent customer relations and people management skills. Ability to work independently and in team. Strong analytical and problem solving skills.

- Presented Demo's and recorded tutorials of several technologies for teammates and colleagues.

SKILLS

Languages: C++, Java, JavaScript, HTML, CSS, SQL, NoSQL, Python, Power-shell, Shell, Batch

Framework: NodeJS, ExpressJS, ExpressHandle-bars, ReactJS, Redux, Mongoose, Sequelize, jQuery, MongoDB.

Software's: Chef, DynaTrace, CA Release Automation, Service-Now, SiteScope, Docker, Git, SVN, Android Studio, Eclipse, Visual Studio, Design CAD, Jira, Jenkins, Github, TFS, Bamboo, Stash, Tomcat, Apache, IIS, WebLogic, WebSphere, Office & Google products

Platforms: Windows XP/Vista/7/8/10, WinServer2003/2008, Linux, Solaris, Ubuntu, OS X

TECHNICAL EXPERIENCE

System & Environment Engineer, AT&T; Richardson, TX   May 2016 - Current

- Worked in non-prod environment support team who manages & supports four key applications of AT&T for businesses. We have about 25 different types of environments (each env is cluster of about 10 servers) per application totaling of more than 1000 servers to support.
- Used Jenkins extensively for building and deploying application code from SVN and GIT repositories to WebLogic & JBOSS application servers. Each application is divided into small modules & Jenkins builds all modules simultaneously for reducing build jobs timings.

- Setup, configured & supported application modules running on Docker containers. Setup Docker and Kubernetes monitoring using Dynatrace Platform.
- Setup DynaTrace monitoring by installing agents, on JVM, web-server and docker containers; and configured custom reports & dashboards based on team requirements. Upgraded DynaTrace monitoring tool from 6.3 version to 6.5 version.
- Performed root cause analysis on daily basis for the env and non-env issues.
- Presented demo's & recorded knowledge transfer sessions of multiple technologies like docker, git and DynaTrace for teammates.
- Created and maintained wiki docs of various projects.
- Worked on POC for ElasticSearch, Logstash & Kibana (ELK) stack for monitoring & visualizing server logs.

Release Automation Engineer, Northern Trust; Chicago, IL   2014 - Apr, 2016
- Worked in middleware team who manages more than two hundred enterprise level applications for Northern Trust.
- Developed automated code migration/deployment workflows for applications in various platforms such as WebLogic, WebLogic Portal, Service Oriented Architecture (SOA), Oracle Service Bus (OSB), Tomcat & other platforms like .Net, Windows, Unix, Business Objects, DataStage, etc using CA Release Automation tool.
- Designed and developed load balancing logic into the workflows to make it more robust and foolproof during busy hours of deployments.
- Meticulously designed an automated Zero Downtime WebLogic deployment workflow for heavily used applications that can't afford a downtime.
- Worked on on-boarding Docker project at Northern Trust. Involved in providing suggestions on how to design a Docker architecture for enterprise level applications and designed automated docker deployments POC workflow for future applications.
- Coordinated and worked closely with offshore team for automated code migration issues, bugs and features suggestions.
- Collaborated in team effort of upgrading CA Release Automation software to latest version and making in highly available.
- Performed root cause analysis of production issues.
- Designed and implemented end to end integration of continuous integration with continuos delivery using Bamboo and CA Release Automation.
- Responsible for supporting and improving automated deployments workflows of various middleware products.
- Working knowledge of source control software like Microsoft TFS and Stash.
- Worked with various technical teams while handling multiple projects.
- Documented tasks, standards and procedures for various projects.

Automation Engineer Intern, Motorola Mobility; Chicago, IL   2014
- Worked in automated mobile framework testing team which is responsible for testing stability and response time of key software features of Motorola phones.

- Throughly understood new software feature test requirements; to design test cases with technical details which were used by my team to write automated test scripts.
- Extensively used python programming language and other popular python libraries to write automated testing scripts. Heavily used Motorola's internal aPython automation library functionalities for testing android phones.
- Automated daily repeated tasks by writing python scripts for them such as downloading new software builds from Jenkins and installing them on rack full of test phones simultaneously.
- Took Motorola's internal software trainings (such as how to use aPython library?) and seminars (like understanding Google BigQuery).
- Wrote scripts to analyze and fetch the large amount of data into appropriate spreadsheets.
- Used Atlassian Jira for tracking build issues and features.
- Performed manual testing of the features that can't be tested automatically such as voice/video call quality, conference calling, etc.
- Worked in open office environment and loved it.

Programmer & Tech Associate, Fulton Tech.; Roselle, IL   2013 - 2014

- Developed software applications for internal company use mainly using Java programming language and for android platform.
- Installed and provided support of desktop computers; and fixed network connectivity issues.
- Extensively used Design CAD software for creating drawings of different types of AT&T network poles.
- Installed company's personal web-server using linux (Ubuntu 12.04) and moved their website from public server to the new private server.
- Developed android application for monitoring current status and health of about 200 tornado sirens that were installed in northern cities of Illinois by Fulton.
- Developed another android application similar to timesheet. This application let users to post clock in and out entries into database. It even works when there no network connection. It stores new entries into local phone's database when internet connection is not available and syncs them with main database when internet is available.
- Used Java for android programming, PHP for server side scripting, ODBC to connect to existing database, sqlite for storing data internally in android, XML and JSON for data formatting, and AES encryption for security.
- Involved in providing over the phone support to field technicians.
- Worked under pressure to get certain tasks done on time.

EDUCATION
Full Stack Coding BootCamp at UCLA Extension — January, 2017
DeVry University; Addison, IL — June, 2014