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WORK SUMMARY

- 4 years of experience in IT with hands on experience in DevOps, System Engineering and full stack software development.

- Strong knowledge of middleware technologies and Devops tools used for automating build and deployments using continuous integration and continuous delivery (CI/CD) concepts.

- Expertise in managing, maintaining & supporting application server (like WebLogic, WebSphere, Jboss, Tomcat, NodeJS, etc.), web server (like Apache, etc.), other application servers (like HA Proxy, Dynatrace, etc.) and linux host servers.

- Experience in creating/modifying entire process of automated build & deployment, from checking out code from source repo (using svn or git), building the code using (ant or maven), using continuous integration tool (Jenkins or Bamboo) and deploy it on the servers (using bash or shell script).

- Experience in automating code deployments for java & .net based platforms using CA Release Automation tool.

- Expertise in using Dynatrace an Application monitoring tool for troubleshooting application or server related issues and advising developers on how to make application more efficient.

- Experience with other popular monitoring tool like Nagios, Dynatrace, HP SiteScope, OEM, etc.

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

- Experience working with Confluence, CodeCloud or Stash, Bamboo, Docker, Kubernetes (K8), Chef, Elasticsearch Logstash and Kibana (ELK) stack, Jenkins, GIT, SVN, 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.

- Everyday working knowledge of version control systems like Git, SVN and TFS; and their clients like TortoiseSVN, Git Bash, Source Tree, Visual Studio, etc.

- Strong knowledge of developing full stack applications using MERN stack (MongoDB, ExpressJS, ReactJS and NodeJS), Firebase, JavaScript, jQuery, Bootstrap, Material, Express Handlebars, MYSQL, ORMs (like sequelize and mongoose), etc.

- A curious Software Engineer who always wants to learn new technology to keep up with the industry and excel in career. A team player who has shown leadership in getting along and guiding the team in right direction by listening to everyones point of view.

- Recorded tutorials and did proof of concept of several new technologies for different teams and colleagues.

- Excellent at written and verbal communications. Excellent customer relations and people management skills. Ability to work independently and in team. Under supervision and remotely w/o supervision.

SKILLS

<u>Languages</u>: JavaScript, Python, Shell, Bash, Batch, SQL

<u>Databases</u>: MSSQL, Mysql, DB2

<u>Frameworks:</u> NodeJS, ExpressJS, ExpressHandle-bars, ReactJS, Redux, Mongoose, Sequelize, jQuery, MongoDB.

<u>Tools</u>: Jenkins, Chef, Dynatrace, Nagios, BMC Remedy, Service-now, CA Release Automation, HP Sitescope, Stash || Code Cloud, Jira, Bamboo, Eclipse, Visual Studio, Mysql workbench, Robomongo, WebStorm, etc.

<u>Version Control</u>: Git, SVN, TFS

<u>Application Servers</u>: WebLogic, WebSphere, Tomcat, Jboss, NodeJS,

<u>Web Servers</u>: Apache, Microsoft IIS, Jetty

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

TECHNICAL EXPERIENCE

Automation Engineer, Northern Trust; Chicago, IL   Aug, 2017 - Present

- Worked in continuous integration and continuous delivery (CICD) team designing automated zero touch deployment workflows from development environment to all the way to production including System, Integration and UAT env.
- Handled day to day responsibility and tasks following agile methodologies using kanban boards on Jira.
- Experience with micro services platforms like docker and working on automating the workflows.

System & Environment Engineer, AT&T; Richardson, TX   May 2016 - Aug 2017

- Worked in non-prod environment support team who manages & supports four key business to business facing applications of AT&T.
- In a team, who supports about 25 different types of environments (each env is cluster of about 10 servers) per application (times four apps) totaling of more than 1000 servers.
- Used Jenkins extensively for building and deploying application code from SVN and GIT version controlling repositories to WebLogic, JBOSS and Tomcat 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 in form of docker containers orchestrated by Kubernetes.
- Setup Dynatrace platform a SaaS software for monitoring application running inside docker containers and containers themselves, including the host on which they are running on.
- 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 to 6.5 version and from 6.5 to 7.0 version.
- Perform troubleshooting by analyzing server logs and provided root cause analysis on issues to respected teams.

- Presented demo's & recorded knowledge transfer sessions of multiple technologies like docker, git and Dynatrace for teammates.
- Driven Dynatrace, ELK, and many other projects to implementation after doing the proof of concept.
- Created and maintained wiki docs of various projects and documented a lot of procedures in professional manner.
- Collaborated in writing an in house tool to remotely manage servers. For eg. you can restart all servers in an environment by running just one command using that tool.
- Exceptional working relationship with teammates and colleagues

Release Automation Engineer, Northern Trust; Chicago, IL   Aug, 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   Feb, 2014 - Aug, 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   Aug, 2013 - Feb, 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 - July, 2017
DeVry University; Addison, IL — June, 2014 (3.94 GPA)