**DevOps and Build Engineer (5 years of experience)**

**Ajey S S**

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Seeking a position to utilize my skills and abilities in the Computer Science Industry, while being resourceful, innovative and flexible. I would like to work amongst a group of dedicated professionals, to see myself reach every height in my career.

**Specialties:**

OS and Scripting Languages: **Unix/Linux, Windows and Shell Scripting.**

Continuous Integration tools: **Jenkins and Buildforge, CI/CD**

Build Languages: **Maven, ANT and Makefile**

SCM Tools: **CVS, Clearcase and GIT, GITHub**

**Code review tools: Gerrit**

Defect tracking tool: **Bugzilla and JIRA.**

WebApplication servers: **Apache Tomcat**

Cloud environment: **AWS**

Server configuration tool: **ansible**

Other tools like **Sonarqube, Docker and Artifactory**

Programming Languages: **C, C++ and Java**.

**Experience:**

Company: **TataElxsi, Bnagalore**

**Team Size: 5**

**Project Duration: Dec 2013 – till date**

**Project Synopsis:**

Responsible for Build and Release Management, Deployment Management, Environment Management, Incident Management and main contact POC for Build and Release

* Automated builds and deployment of back-end, Front-end using Jenkins CI tool with automated code backup and restoration solution.
* Supporting daily and weekly builds to various environments including PROD go live release.
* Makes sure that that the environment is up all-time including PROD and PRE-PROD environments.

**Responsibilities**:

* Responsible for releases, doing builds and managing build system
* Responsible for creating branches, merging and resolving merging conflicts.
* Writing shell scripts to automate manual and repetitive tasks. Responsible for modifying and tuning existing scripts.
* Experience on AWS services like EC2 and S3
* Installed and worked on Docker
* Worked on Ansible. I am a beginner in Ansible and I can write small playbooks.
* Implement and maintain continuous build and deployment mechanisms.
* Managing build infrastructures environment setups and monitoring daily operations in Jenkins and enhancing/troubleshoot issues/problems.
* Identifying and driving automation of tasks associated with continuous integration and release process
* Enough understanding to debug or specify major component areas where major bugs or build failures occur.
* Experience in configuration management and release engineering in multiple-branches environment.
* Giving knowledge to developers about version control and build/release concepts
* Worked closely with application developers to devise robust deployment, operating, monitoring, reporting for the applications
* Participated in the release cycle of the product which involves environments like Development QA, UAT.
* Used GIT for branching, tagging, and merging
* Taking Care of Patch and Load build Requests from Development Team
* Helping developer’s issues that are related to version control.
* Generate report and send an email to managers about status of daily builds and weekly builds.
* Documenting SCM guide and responsible for maintaining it.
* Proven Track record in meeting the goals and delivering the deliverables within deadlines without slippages.

**Technologies: UNIX/Linux, Shell Scripting, GIT/Gerrit, Ant, Maven, Makefile, Build Release, Jenkins, Docker,Ansible, AWS,Nagios, Artifactory, JIRA, Bugzilla,CI/CD,Buildforge, C/C++, Java.**

**Project Name:** Providing software for setup box. Developing features for setup box like while changing channel playing one channel and record other channel, live pause etc. Working on different releases for set up boxes.

Team Size: 5

Client: Nagravision

**Project Synopsis:**

SCM BUILD RELEASE ENGINEER

* Worked on clearcase and CVS code repositories: source tree and user account administration, branching, merging, patch fixes, snapshots, and training users on the systems.
* Worked on scheduling builds using cronjob and handling patch build requests.
* Performed build and release of all software cycles engineering, test, production, update, patches, and maintenance. Wrote scripts in GNU make, Perl, bash to automate the build release processes. Debugged build failures.
* Oversee that the team is complying with the process
* Assessing the impacts of the software being integrated and be able to provide a status or snapshot of the overall stability of weekly software releases that you will be responsible for delivering.
* Established, documented, and enforced version control guidelines and procedures. Wrote development environment and tools guidelines for new hired software developers.
* Automated builds and deployment of back-end, Front-end using Jenkins CI tool with automated code backup and restoration solution.
* Implement best practices around application and configuration management
* Supporting daily and weekly builds to various environments including PROD go live release.
* Makes sure that that the environment is up all-time including PROD and PRE-PROD environments.
* Administered version control system: created accounts, branching, merging, patch fixes, snapshots, and trained users on the version control system. Managed daily builds and releases to QA.
* Debugged build failures and worked with developers and QA personnel to resolve related issues.
* Enough understanding to debug or specify major component areas where major bugs or build failures occur.
* Experience in configuration management and release engineering in multiple projects and multiple-branches environment.
* Responsible for **branching and merging** for different development teams and resolving merging conflicts.
* Define release policy and planning.

**Development environments:** languages, and tools: Unix, Windows 98, NT, Linux, GNU make, ant, bash, shell script, Apache, GIT, CVS, Jenkins, clearquest, cronjob

**Academic Credentials:**

* B.E in Electronics & Communication from SJMIT, Chitradurga, VTU,
* 12th from Don Bosco Pu College, Chitradurga
* 10th from Don Bosco High School, Chitradurga

**details:**

PAN:CBRPA9108H

**Date of birth: 08/06/1992**