Jaikar Avinash Erra

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SUMMARY

6 Years of Experience in DevOps and Build & Release Engineering.

Experienced in C.I and C.D (.net).

Worked at AHM client location Virginia (U.S) for Production Deployments.

Experienced in Jenkins, SonarQube, SQL Enlight, NCover, OpenCover, Jira, Clarity, SVN, Zabbix Monitoring Tool, Site24*7 Monitoring Tool.

Knowledge on AWS Cloud and Ansible.

Well versed in software configuration management systems, source code version control systems.

Good knowledge on Infrastructure Automation using Ansible.

Thorough knowledge of Tortoise SVN and GIT.

Experience in creating and establishing build automation using Jenkins.

Experience in creating the CI / CD pipeline using the Jenkins.

Experience of working with SVN (Subversion) configuration, maintenance and administration.

Good experience on the Windows Server environments (2008 & 2012 r2).

Possess excellent debugging skills with sound knowledge of code repository & databases (SQL Server 2014 and MYSQL).

Involved in the organization activities of Jenkins & SonarQube migration.

Skills and Awards:

- Cloud: AWS: Amazon Elastic Compute Cloud (EC2), Amazon Route 53, Amazon Simple Storage Service (S3), Amazon Virtual Private Cloud (VPC), Auto Scaling;
- Microsoft Technologies: Build Tools: MSBuild.
- Microsoft Technologies: RDBMS: Microsoft SQL Server.
- Operating Systems: WINDOWS, Linux.
- Virtualization Tools: Vagrant.
- Application Support Tools: ZABBIX, Site24*7, SiteScope.
- Software Configuration Management: Ansible; Opscode Chef, Git, GitHub, Jenkins, Software Release Management, Subversion, Tortoise SVN.
- Scripting: PowerShell, Shell, Python.
- Software Construction: SQL, MySQL.
- Software Quality: Code Audit Tools: Sonar.

WORK EXPERIENCE

Current Project: From May-2017 - Software Engineer, EPAM Systems, http://www.epam.com

Customer: ECOLAB – TCD http://www.ecolab.com/

Project: ECL-DEV2, Ecolab is the global leader in water, hygiene and energy technologies and services. Around the world businesses in foodservice, food processing, hospitality, healthcare, industrial, and oil and gas markets.

Team Size: Dev Team: 20 QA Team: 10 DevOps Engineer: 2

Project Role: DevOps Engineer.

Tasks performed:

- 1. Jenkins administration activities, manage the necessary plugins and maintain Jenkins active backup's weekly wise.
- 2. Created pipelines for deployments builds using Jenkins jobs.
- 3. Enabled the Continuous Integration and Continuous Inspection for every checkin from TFS repositories.
- 4. Created PowerShell scripts for auto deployments onto remote machines of client network using the PSExec tool.
- 5. Implemented the Parent-Child workspace mapping concept for upstream and downstream jobs.

Environment:

- SQL Server 2012.
- Jenkins, SonarQube, OpenCover.
- VisualStudio, TFS, SQL Server, MSBuild, Powershell, IIS.

May 2014 – May 2017 - Software Engineer, EPAM Systems, http://www.epam.com

Customer: Advanced Health Media (http://www.ahmdirect.com/)

Project: AHM-MTS, AHM provides enterprise-wide solutions via a simplified approach to healthcare provider interactions management. AHM patented, integrated technology suite drives promotional marketing activity through AHM industry standard speaker-led programs. The cornerstone of our technology is what we call Proactive Compliance –- a closed-loop environment that allows pharmaceutical manufacturers to effectively deploy and monitor a reliable, uniform and rigorous compliance program.

Team Size: Dev: 35 QA: 25 Build Engineers: 3

Project Role: Build and Release Engineer

Tasks performed:

- Responsible for QA, STG and PROD Deployments.
- Performed Production Deployments from client's location in Virginia (U.S.A) for 11 months.
- Continuous integration of Development Environment.
- Configured code analysis in sonar for code quality analysis.
- Co-ordinate with the development team in case of build failures

- Gather deployment details of support projects on daily basis and schedule the deployments to avoid conflict with other teams and deployments.

- Track deployment schedules and coordinated with respective teams to understand if there were any issues that were causing the delays and take necessary steps to deploy the changes as committed to the client.

- Create Release Documents, Deployment checklist and Rollback plan for Development Project releases.

- Managing Software Configuration Management system.

- Generate Weekly Code Quality Metrics thorough Sonar, and publish it.

- Deploy SQL scripts in different environments.

- Coordinate with Infrastructure Team, DBA Team, Dev Team and Account Management Team before every release and take all necessary precautions to make the release successful.

- Monitor Production websites, servers, services using Site scope tool and Site24*7 tool and raise the alarm if there is any issue, involve all the responsible stakeholders and make sure the issue is resolved.

Environment:

- Microsoft SQl

- Jenkins, Sonar, SQl Enlight, NCover, MSTest, MSBuild, SVN, Jira, Clarity.

- .Net, SQL.

January 2013 – April 2014 - Software Engineer, EPAM Systems, http://www.epam.com

Customer: ASTM PTP https://www.astm.org/

Project: ASTM International is an international standards organization that develops and publishes voluntary consensus technical standards for a wide range of materials, products, systems, and services.

Team Size: Dev: 18 QA: 3 C.I & C.D: 1

Project Role: .Net Developer & Build and Release Engineer

Tasks performed:

- Developed Web services.

- Developed Reusable controls.

- Performed SharePoint Integration.

- Gather build specifications from the team.

- Performed deployments to QA, STG and PROD Environments.

- Generate Weekly Code Quality Metrics thorough Sonar, and publish it.

- Automated several reposts and metrics for management team.

Environment:

- Microsoft SQL, C # .Net JQuery

- Visual Studio, Jenkins, Sonar, SVN, Jira

April 2012 – December 2012 - Junior Software Engineer, Alliance Global Services, www.allianceglobalservices.com

Customer: Savoy Associates http://www.savoyassociates.com/

Project: Savoy is an innovative benefits consulting firm and general agency. With over 30 years' experience, Savoy's strategic partnerships bring continued growth to brokers, carriers and vendors. Savoy tactically provides best-in-class products and services including comprehensive health and specialty benefits, compliance, HR services, technology solutions, research, education and other employer-related services.

Team Size: Dev: 7 Build: 1

Project Role: Programmer and Build engineer

Tasks performed:

- Understanding and Analyzing client requirements
- Application Designing and Coding in Kentico CMS.
- Tracking and resolving issues from previous sprints.
- Analyzing the issues faced by the team and providing the solutions/workarounds.
- Responsible for QA, STG and PROD Deployments.
- End to end functional testing.

Environment:

- Microsoft SQL
- Kentico CMS Visual Studio Microsoft SQL Server
- C# .net

EDUCATION

Graduation Year: 2010

Name of the Education Establishment: JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD, VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY.

Faculty/College: Computer Science and Information Technology.

Degree (diploma): Bachelor.