

Srivallabh Sampathkumar

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SUMMARY

- Over 11 years of technical leadership experience in **Software Configuration Management, DevOps** and **tools development, Build & Release Engineering automation**, deployment and **Server-end administration**.
- Over 8 years of **SDLC-related tools rollout**, technical administration and lifecycle management experience in the areas of Static Analysis, Requirements Management, Defect Tracking, Code Coverage and Code Reviews.
- DevOps expertise in Configuration, **Build, Deploy** and **Release Management** using GIT, Subversion, AccuRev, Serena ChangeMan DS, MicroFocus StarTeam, Rational ClearCase, Perforce and CruiseControl, Jenkins.
- 5 years of experience in BEA WebLogic Application Server Installation, Configuration, Administration, Tuning and related J2EE technologies.

PROFESSIONAL EXPERIENCE

Technical Lead - Configuration Management and DevOps	Lennox International Inc.	Apr 2010 - till date
Configuration Management Lead	Cognizant Technology Solutions	Dec 2009 - Apr 2010
Senior Software Analyst	Bally Technologies	Sep 2007 - Nov 2009
Integration Specialist - Middleware	Dell Perot Systems	Sep 2003 - May 2007

Lennox International Inc.
Chennai, India

April 2010 – till date

- In-charge of global operations of Change, Configuration management, **DevOps integration**, build automation and release engineering for a user base of over 100.
- Owned the installation, lifecycle, configuration and administration of various environments - **AccuRev, StarTeam** (Configuration Management), **Caliber RM** (Requirements Management), **Coverity** (Static Analysis), **Crucible/Collaborator** (Code Reviews), **TestWell** (Code Coverage of Test), and **Microsoft SharePoint**
- Spearheaded the 1-year long **migration** of organization-wide Configuration Management from StarTeam to AccuRev.
- Led the strategic decision making in managing of streams, branches, automated builds, change packaging and release operations for various product lines.
- Led the effort in **designing workflow and stage-gate processes** to be followed from requirements management through to Production deployment with complete end-to-end traceability and automated processes.
- Establish, standardize, **build-automate** and maintain **Continuous Integration** operations across product lines using CruiseControl/Jenkins.
- Manage deployment of artifacts into test environments, unit test systems and code analysis, code coverage tools to **lower CoPQ** and for early defect detection and prevention.
- Standardize **Release Engineering** and archive processes of product lines.
- Assessment of patterns and gaps in currently deployed tools and rollout practices to further improve efficiency of usage.

- At the helm of a Process Management Process Workgroup to continuously develop, recommend and institutionalize **Key Process Areas** in Project Management.
- Led an audit team that conducted periodic **SQA audits** to assess compliance and non-conformance with institutionalized processes.
- Installation and configuration of a **wiki-styled Web Server** - TWiki - using Apache to manage Controls Process Wiki site documentation and new product innovations as a collaborative effort.
- User training sessions, support and administration round the year for all SDLC tools used in Software development.

Cognizant Technology Solutions (CTS)
Chennai, India

Dec 2009 – April 2010

- Build, release, and automate application/environmental changes to DEV, UAT and Production environments.
- Developed automated, CI processes that review source code, identify errors at compile-time and notifies appropriate parties.
- Designed the model for parallel development and merging cycles of different release schedules through branched streams in ClearCase UCM.
- Involved in administering the ClearCase tool to users and sorting out daily operational issues.

Bally Technologies
Chennai, India

Sep 2007-Nov 2009

- Configured and administered StarTeam Server 2008 to adhere to SCM processes and policies followed in the organization.
- Designed and documented the SCM lifecycle process to be followed for the application within StarTeam.
- Provide primary support for the production environment, including rotating 24/7 on-call support.
- Managed Software Release Notes (SRN) for every release.
- Prepared and implemented Configuration Management Plan (CMP) and enforced the baselines for projects.
- Responsible for configuration status accounting, conducting Configuration management audits and preparing Baseline reports.
- Created source code holder bases, deliverables' flow routes and restrictions in accordance with SOX and ISO regulations.
- Manage access and authorizations in accordance with organizational hierarchy.
- Conducted training for new StarTeam users.
- Co-ordinate with the Systems Administration team to perform lockdown of the Production environments with access provision only to Production Support.
- Provide recommendations for parallel development during Release development overlaps
- Setup test-bed environments for SQA testing preceding product releases as per procedural documentation from the Application Development team
- Monitor and troubleshoot the above SQA environments with the aid of Application Development Leads if necessary

Dell Perot Systems
Richmond, VA, US.

Aug 2003 – May 2007

- Maintenance of the current ChangeMan DS Environment on Wintel/Unix platforms.
- Integrated Application deploys to the end of the Distributed Compilation process to come up with a hands-free (pre-scheduled) environment update, making a significant step towards the improvement of maturity levels.
- Involved in cradle-grave design of the development, build and deploy processes for over 18 application development projects.
- Planned and executed the Upgrade of ChangeMan DS from 5.5.0 to 5.6.0.
- Integration of WebLogic-based application deploys with ChangeMan DS.
- Seamless integration of ChangeMan DS with WebLogic Application Server for hands-off nightly code builds and deploys – significant step towards SCM maturity levels.
- Troubleshooting ChangeMan DS user issues on a daily basis.
- Migration of all Web-based J2EE Applications from AIX to Windows 2003 Server environments, also upgrading from BEA WebLogic 7.0 to BEA WebLogic 8.1.
- WebLogic and ChangeMan DS system-integration configurations to accommodate the release process seamlessly post-platform migration.
- Development of automated deployment scripts to facilitate a complete hands-off build and deployment cycle.
- Responsible for regular capacity planning, setting up monitoring guidelines, backing up and restoring systems and integration of infrastructure applications with Web Servers and firewalls.
- Configuration and monitoring of Production and QA WebLogic clusters that provide for failover as well as load balancing, thereby facilitating high availability for the Web Applications

EDUCATION

Wichita State University, KS
Master of Science in Computer Science

Jul 2003

University of Madras, Chennai
Bachelor of Engineering, Computer Science and Engineering

May 1999

LANGUAGES

Fluent in English, Tamil and Hindi.