**Bala subramanian Lakshmi kanthan**

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**Professional Summary**

Dedicated to optimization, experienced DevOps Manager understands the melding of operations and development to quickly deliver code to customers. Has experience with the monitoring processes as well as DevOps development in Linux systems.

I love to:

* Advocate for, facilitate and create DevOps culture and automate all the things with the correct devops tool.
* Finally reach continuous delivery.

With over 15 years of experience conducting and managing business on the Internet and have created technical solutions for businesses around the world. To briefly name a few of my major accomplishments, I have

* Designed and build automated infrastructure using open source tools.
* Developed web applications.
* Provide training and mentoring to others in these fields.

Am currently working as a DevOps Engineer, with a primary focus on Build and Release and Delivery Automation Engineering. My responsibilities involve setting the overall Delivery Automation strategy, via investments in automation at several layers of the Technology stack to implement a Continuous Deployment/Delivery pipeline.

My specific areas of expertise encompass agile development practices. Additionally, open source software strategy, identification, evaluation, selection, implementation and documentation. My primary focus is on enabling development/engineering professionals, as well as project, program, and technical leads on the benefits of adaptive automation processes.

Have extensive experience with build architecture and automation, continuous delivery, and troubleshooting complex dependency graphs. Am also a software craftsman, applying state-of-the-art tools and methods to enable efficiency, performance, and agility for those who rely on me.

* Mastery of build technologies like Jenkins, Maven, etc. Integration and automation of source control applications like mercurial.
* Management of library versions and deprecated code. Design and sequencing of automated builds & test runs and troubleshooting expertise – build failures due to dependencies, tests, etc.
* Evangelism of best practices and tools and Programming/scripting skills using tools like shell scripting, Python, Groovy with Strong communication and cross-functional skills and the ability to execute autonomously given a set of clearly defined strategies.

***Specialties:*** *Systems engineering and automation (mainly Linux), Unix/Linux shell scripting, Java, Jenkins, Nexus, Jira, Agile methodologies, CID integration.*

**Technical Skills**

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| **Programming Language** | Java, J2EE |
| **Scripting Languages** | Bash, Python |
| **Build Tools** | Ant, Maven |
| **Build Engine** | Jenkins |
| **Deployment Tool** | CA release automation - Nolio |
| **Artifact Repository** | Nexus |
| **Testing Tools** | Fitnesse, Selenium |
| **Databases****Cloud computing** | Oracle, MySQL, SybaseAWS, Azure  |
| **Virtualisation** | VM Ware, Docker |
| **Platforms** | Linux, UNIX and Windows |
| **Application server platforms** | JBoss, BEA Weblogic, IBM websphere, Tomcat, Apache |
| **Bug tracking software** | Jira, Mantis |
| **Development environments** | Eclipse, IntelliJ, NetBeans |
| **Code management software** | Mercurial, SVN, clearcase, Perforce |
| **Network/Infrastructure** | LDAP, AD |
| **Productivity software** | MS Office |
| **Content management systems** | Wiki, Confluence |

**Professional Experience**

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| **Build and Deployment Engineer in TCS (Tata consultancy Services), Chennai, IN (for Marks and Spencer, UK)** | From Aug 2020 – Till date |
| **Build and Deployment Engineer** in TCS (Tata consultancy Services), London, UK (for Marks and Spencer, UK) | From Sep 2018 – Aug 2020 |
| **Build and Deployment Engineer** in TCS (Tata consultancy Services), Chennai, India (for Marks and Spencer, UK) | From Jan 2018 – Sep 2018 |
| **DevOps Manager** in TCS (Tata consultancy Services), Chennai, India (for Silicon Valley Bank, US) | From Jan 2017 – Jan 2018 |
| **DevOps Engineer (Consultant) in** TeliaSonera AB, Göteborg | From Oct 2013 – Jan 2017 |
| **Senior Software Engineer** in TCS (Tata consultancy Services), Chennai, India (for CITI Global markets, US) | From Apr 2010 – Sep 2013 |
| **Team Leader** in XM software solutions, Chennai, India (for UAE Exchange, UAE) | From May 2009 – Apr 2010 |
| **Software Engineer** in Future Focus Infotech, Chennai, India (for Lloyds Bank, UK) | From Nov 2008 – Mar 2009 |
| **Software Engineer** in Altrion Technologies, Chennai, India | From Oct 2006 – Oct 2008 |
| **Trainee Officer** in ACES, Chennai, India | From Jun 2005 – Jul 2006 |

**Project Experience Summary (In-brief)**

**Assignment @ Marks and Spencer, UK from Jan’18 – Till date**

**Build and Deployment Engineer (Consultant)**

As a Build and Deployment Engineer, I’ve;

* Managed and maintained the build and deployment mechanism of applications of .com transition using the CI/CD tools like jenkins, ansible, atlassian jira, confluence.
* Involved in the migration of the infra stack from AWS/on premise to Microsoft Azure.
* Coordinate and exhibit the deployment activities.
* Worked on the automation, supporting development activities.
* Been responsible for the development of standards and processes for operations that proactively prevent problems from occurring.
* Maintained accurate program estimates, timelines, project plans, and status reports.
* Identified technical and process improvement opportunities and socialize/advocate to get them implemented.

**Assignment @ SVB, US from Jan’17 – Jan’18**

**DevOps Manager (Consultant)**

As a DevOps manager, I’ve;

* Managed and appropriately escalated delivery impediments, risks, issues, and changes associated to the product development initiatives.
* Assigned and monitored work of technical personnel, ensuring that application development and deployment is done in the best possible way, and implements quality control and review systems throughout the development and deployment processes.
* Displayed technical leadership and oversight of implementation and deployment planning, system integration, ongoing data validation processes, quality assurance, delivery, operations, and sustainability of technical solutions.
* Evaluated technological choices (network/hardware related and technology/code related) by querying providers and providing evaluations of each solution include ROI evaluations in the present and future implications, limitations, and opportunities.
* Managed the DevOps platform of CI/CD processes across applications using tools like Jenkins, nexus, nolio, perforce with the application stack on AWS.
* Coordinated the team from development till deployment. Focused on automation and integration.
* Created deployment strategies and executed them.

**Assignment @ TeliaSonera AB, Göteborg from Oct’13 – Jan’17**

**DevOps Engineer (Consultant)**

As a DevOps engineer, I’ve;

* Possesses high level understanding in the areas of web application programming, content management systems, API, databases, and system design.
* Provides process improvement recommendations based on best practices and industry standards.
* Performed DevOps for Linux platform and managed the data center.
* Worked on docker containers facilitating the development environment and Kubernetes for container orchestration system for automating application deployment, scaling, and management.
* Facilitated the team from development till deployment. Focused on automation and integration.
* Monitored developed application and fixed bugs. Wrote code and designed continual updates.

**Assignment @ CITI Global Markets, US from Apr’10 – Sep’13**

**Senior Software Engineer**

As a Senior Software engineer, I’ve;

* Designed and Developed a Netting engine (CANE).
* Tested and deployed the engine and supported post production deployment. Been doing integration.

**Assignment @ XM software solutions, India from May’09 – Apr’10**

**Team Leader**

As a Team leader, I’ve;

* Been technically leading the team supporting the applications used for fund transfer.

**Assignment @ Future Focus Infotech, India from Nov’08 – Mar’09**

**Software Engineer**

As a Software engineer, I’ve;

* Been actively involved in development, testing and implementation of Basel II formulations.

**Assignment @ Altrion Technologies, India from Oct’06 – Oct’08**

**Software Engineer**

As a Software engineer, I’ve;

* Developed a performance suite which provides an insight into performance of different units and levels.

**Assignment @ ACES, India from Jun’05 – Jul’06**

**Trainee Officer**

As a Trainee Officer, I’ve;

* Been involved in the issuance of LC’s and payment instructions using SWIFT messages.

**Professional Skills**

* Goal-driven achiever with strong trouble shooting and analytical skills.
* Good team member/leader with exceptional interpersonal and technical skills.
* Motivated self-starter with good communication skills, problem-solving abilities, multi-tasking talents. Strong work ethics to make a significant contribution to an organization, Keen to learn/excel the new technologies/environment.
* Ability to well prioritize the tasks and has ability to interact with multiple business units involving cross-functional test activities within an organization and with clients.

**Education**

**Master's in Technology Management,** Anna University, Chennai, India.

**Bachelors in Electronics & Communication Engineering,** Anna University, Chennai, India.