**BALAJI GOVARDHAN**  
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**OBJECTIVE**

I am a senior Technical Lead who can solve hard technical problems and lead teams of programmers to bring projects to completion.

**SUMMARY OF QUALIFICATIONS:**

**Over 15+ years of experience in technology development**  
  
**Has proven leadership capabilities, interpersonal skills, and problem solving skills**

**Have proven record of translating business requirements into functional specifications**

**Have strong track record of execution and having high level of drive to meet deadlines and targets.**

**Have experience in handling JVM performance tuning, garbage collection optimisation**

**Have strong background in algorithms and datastructures**

**Have experience in Big Data / Hadoop technology**

**Have experience in streaming services like Apache Kafka and Apache Spark.**

**Have experience in RDBMS using SQL, PL/SQL**

**Have experience in using containers like Docker and Kubernetes**

**Have experience in working on CI/CD platform and monitoring.**

**Has Very strong technical and architectural expertise.**

**Have experience in handling Multithreading, Memory management and handling high volumes of data processing**

**Have experience in full automated testing framework.**

**Have knowledge on machine learning and Data Science fundamentals.**

**Able to analyse business needs and formulate creative design and technical approaches in both individual and team settings.**  
  
**Strong understanding of Enterprise Architectures, Java and Database solutions with Windows and Linux environment.**

**Experience in writing scalable, secure and highly available software applications .**

**Experience in strategic planning and setting technical direction**

**Experience in building applications hosted in the cloud.**

**Experience building SOA implementations including SOAP and RESTful based webservices.**

**Have ability in mentoring and bringing people upto speed on the various DevOps phases**

**Have the habit of adhering to standards and guidelines for delivery thereby ensuring the industry best practices are being followed**

**Have advanced knowledge of performance, scalability and software design, system architecture**

**Have experience in developing in a service-oriented architecture on a Linux environment**

**Certifications :**

1. Applied Data Science with Python

Coursera  
 Issue Date OCT 2021

1. Applied Machine Learning in Python

Coursera  
 Issue Date OCT 2021

1. Applied Plotting, Charting & Data Representation in Python

Coursera  
 Issue Date OCT 2021

1. Applied Text Mining in Python

Coursera  
 Issue Date OCT 2021

1. Introduction to Data Science in Python

Coursera  
 Issue Date OCT 2021

1. Convolutional Neural Networks

Coursera  
 Issue Date AUG 2019

1. Deep Learning Specialization

Coursera  
 Issue Date AUG 2019

1. Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization

Coursera  
 Issue Date AUG 2019

1. Neural Networks and Deep Learning

Coursera  
 Issue Date AUG 2019

1. Sequence Models

Coursera  
 Issue Date AUG 2019

1. Structuring Machine Learning Projects

Coursera  
 Issue Date AUG 2019

1. Machine Learning

Coursera  
 Issue Date JUL 2019

1. Applied Social Network Analysis in Python

Coursera  
 Issue Date OCT 2021

**Skills and Technologies**

|  |  |
| --- | --- |
| Design Skills | UML (Rational Rose, Visio),  Object Oriented analysis and Design(OOAD), GOF Design patterns,  SOLID |
| Primary Programming Language | Core Java, Python, Scala, Typescript, PL/SQL, Go Lang, Rust |
| Application Servers/ Servlet Containers | BEA Weblogic 10,  Apache Tomcat,  JBoss Server, Jetty |
| IDEs and Development Tools | Eclipse, Netbeans |
| Data Storage | Oracle 10g, Mysql, PostgreSql, HSqlDB |
| NoSql Databases | Hadoop, Cassandra, Redis, MongoDB, Neo4j |
| Distributed Search Technologies | Elastic Search, Solr |
| Big Data Technologies | Hadoop, Apache Spark, Hive, Storm |
| Web Development Technologies , Platforms and Frameworks | Servlets/JSPs, Spring MVC, Spring Web Flow, Spring DAO, Spring Boot, Apache Struts , Hibernate, Apache Commons, Akka, JavaScript, JQuery, Angular 2, Ajax, HTML 5, CSS, XML and JSON, NodeJS, ReactJS |
| Testing Frameworks and Tools | JUnit, Mockito, Selenium, Cucumber |
| Design Methodologies | Agile, Scrum |
| Data Exchange Technologies | Web Services – Apache CXF, Apache Axis, Jersey, Spring REST  JMS – Apache Kafka, RabbitMQ,  Apache Spark |
| Version Control | SVN, CVS, GIT |
| Cloud Deployment | Amazon Web Services, Heroku, Digital Ocean, Linode, Microsoft Azure |
| DevOps | Docker, Kubernetes, Chef, Drone |
| Others | Ant, Maven, EhCache, Checkstyle/PMD, Assembla, Bugzilla, JIRA, Confluence, Jenkins, CruiseControl, Sonar, Linux(Debian, Ubuntu, Fedora, CentOS) Shell scripts |

**Professional Experience**

**Tech Mahindra, Chennai**

Technical Lead (2019 – present)

***Soa cloud:***

SoaCloud is an elastic service oriented architecture that has the following characteristics  
Allows for quick development and deployment of service oriented architecture  
Has standards that are based using at@t frameworks, open-source and vendor products  
Has a pluggable architecture  
Dynamic http load balancing and traffic routing

*Global Resource Manager:*

Information on how to view and administer traffic routing data within the soa cloud infrastructure  
using the grm web interface  
Routing and service endpoint data within the soa cloud infrastructure is used by the clients to route traffic to  
ccr-r when using the dme2 protocol

**Highlights*:***

Led a five member development team on the client project   
Technical anchor on client projects.  
Performed concurrency optimization within a JAVA based microservices architecture.  
Performed root cause analysis, debugging, developed and implemented fixes and  
 workarounds, testing, and communicated to high-level executives on status and progress.   
Provided on-call support for all the software applications.

**Standard Chartered Bank GBS, Chennai**

Technical Lead(2017 – 2019)

*Scan and Cash HK*

Standard Chartered Bank’s Scan and Cash Hong Kong is a new application that allows a customer to perform cardless withdrawal of cash from ATM using his smart phone.

**Highlights:**

Lead the team in design and development of the product.

Perform code review.  
Prepare technical design, and deployment documents.  
Wrote the major portions of the services and defined its specifications

Conduct the scrum review meetings.

**Zieta Technologies Private Limited, Chennai**

Technical Lead (2016 – 2017)

*Apple MySupply Portal:*

Apple’s MySupply portal provides a complete and up to date information about a company’s

order and procurement of various apple products.

**Highlights**:

Managing the team in analysis, design and development of the product.  
 Perform code review.

Migrated an outdated application from struts 1.x to Spring, Hibernate and microservices.

Improved the overall quality of the application code.

Identified and fixed the performance issues.  
 Improved the robustness of high volume transactional batch process.

**ScripLogix Analytics Private Limited, Chennai**

Technical Lead(*2015 –* 2016)

#### *MoBE (Motivation Behavior Platform)*

An intelligent tool that helps the clients to better understand motivations, perceptions, opinions, attitudes beliefs and behaviors among physicians, patients and consumers.

**Highlights:**  
 **Managing the team in analysis, design and development of the product.**  
 **Perform code review.**  
 **Designed and implemented integrations based on the acceptable patterns of ETL design patterns for the various requirements of a project**  
 **Utilized the knowledge of various platforms for ETL development and the unique constraints of each to meet business and non-functional requirements (Portability, Scalability, throughput, usability)**

**Encore Software Services, Chennai**  
Senior Software Engineer(2014 – 2015)

*Matson – Customer Support Portal*

Matson's Customer Support Portal provides timely, concise information throughout all phases of a customer's shipment by utilizing a variety of technologies that include Electronic Data Interchange (EDI), e-Mail and fax.

**Hightlights:**  
Managed a team of five in analysis, design and development of the website.  
 Conducted periodic team review meetings with the onshore client.  
 Provide support and maintenance by troubleshooting the issues and fix them.

**Coromandel Infotech, Chennai**   
**Senior Consultant(2013 - 2013)**

*Signal – Xili website development:*

Served as a Senior consultant in developing a website for the client Xili that will serve as a platform for real estate brokers and agents to expose the property details to the public users.  
  
**Highlights:**  
Managed a team of three in analysis, design and development of the website.  
 Conducted periodic team meetings with the onshore client.  
 Conducted periodic code reviews.  
 Prepared the documentation of the project.

**Green Quotient, Chennai**  
Technical Lead(2012 – 2013)  
   
Virtual Bridges Verde:  
 The Verde suite is an end-to-end virtual desktop infrastructure (VDI) and management solution that combines online, offline and remote branch VDI solutions to remove the complexity and cost traditionally associated with desktop virtualization solutions.

**Highlights:**

Managed a team of five in developing the server module.   
Conducted periodic team review meetings with the onshore client.

Conducted periodic code reviews.

**Element K, Chennai**

Senior Developer(2010 - 2011)

*E Commerce Store portal:*

Element K provides “Learning Management Solutions (LMS)” to its business customers and thereby offering a diverse collection of e-learning, e-Reference, classroom materials and blended learning solutions to enterprises that drive business results. The E Commerce site facilitates a customer to browse through the different products and purchase the same.

**Highlights:**

Co-ordinated with the onshore team to provide maintenance and technical support.

Conducted periodic code reviews.

**WiseMen Consultants, Chennai**

Senior Developer(*2010 - 2010*)

Served as the senior developer of the Technical team responsible for development and maintenance of their

Contract Management System and Century Web Portal products.

**Highlights:**

Perform coding and testing of the product

Prepare documentation of the product

**ZOHO Corporation, Chennai**

Member Technical Staff(2005 – 2010)

Served as Member of the Technical team for design, development, testing and maintenance of various network and

security suite of products like ‘ManageEngine DeviceExpert’, ‘ManageEngine Security Manager plus’, ‘ManageEngine Scanfi’and ‘ManageEngine PatchQuest’ developed by the concern.

**Highlights:**

Managed the team in analysis, design and development of the product.  
 Prepared technical design, and deployment documents.  
 Lead the development effort.  
 Troubleshoot issues reported by the customers and issue hotfixes for the same.  
 Gave the product demo to potential investors and customers

**Education**

Madras University, Chennai

Bachelor of Engineering in Electronics and Communication (1998-2002)