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BALAJI GOVARDHAN

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

Specializations and Certifications

- Applied Data with Python

  Coursera
  Issue Date October 31, 2021

  Certifications

  Applied Plotting, Charting & Data Representation in Python
  Applied Social Network Analysis in Python
  Applied Machine Learning in Python
  Introduction to Data Science in Python
  Applied Text Mining in Python

- Deep Learning

  Coursera
  Issue Date August 29, 2019

  Certifications

  Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization Neural Networks and Deep Learning
  Sequence Models
  Structuring Machine Learning Projects
  Convolutional Neural Networks

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)

Project: SOA CLOUD

Client: ATT

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

Highlights

- Designed and developed SOA Cloud infrastructure for auto discovery, routing, managing and administering the services deployed.
- Lead teams in design, architecture and development of microservice platform built around kubernetes integrating solutions for with CI/CD, API Gateway, Service Discovery, logging (ELK), monitoring (Prometheus/Grafana), routing and delivery of reusable platform software.
- Mentor and guide developers through different design and technology aspects.
- Supervised 3+ DevOps scrum teams with 30+ resources in building a microservice platform. Resolve highly critical production issues which include functional, technical and memory issues and provide solutions/alternatives in short amount of time.
- Design and implement automated testing tools for the infrastructure components.
- Played the role of Technical Product Manager ensuring Technical excellence in architecture and design, High Availability, scalability, resiliency, etc.,
- Coaching staff on their technical development and promote the career path.
- Advise and contribute on High Availability, Fault-tolerant and Security aspects of design.
- Key Contributor in design, architecture of solutions for public cloud initiatives to AWS and Azure.

Project: Global Resource Manager
Client: ATT

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)

Product: 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 the 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)

Project: 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)

Product: 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)

Project: Customer Support Portal
Client: Matson

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)

Project: Xili website development
Client: Signal

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)

Project: Verde
Client: Virtual Bridges

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)

Project: 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*)

Project: Contract Management System
Client: Excelacom

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 technical analysis, design, development of the product.
- Lead the development effort.
- Troubleshoot issues reported by the customers and issue hotfixes for the same.
- Presented the product demo to potential customers

Education

Madras University, Chennai

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