Subramanian Muthaiah

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**Employer: CGI Information Systems and Management Consultants**

**Position: Lead Developer – Engineering**

**Profile:**

* Experienced and highly capable IT consultant, having over 11+ years of product development experience.
* Technically progressive developer in evaluating designing, developing and delivering enterprise solutions, member of multiple delivery teams at different stages of SDLC.
* Working closely with the clients, enabled them improve quality efficiency and productivity with modernization efforts and accommodating newer versions based on various technical architectures.
* Passionate technology coach, proven in building technically competitive and progressive communities and development teams.

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| **Primary expertise** | **Related experience** | **Believes in and practices** |
| * Development & Quality Consultant * Committee Member - Solution Architecture | * Continuous Integration * Scaled Agile Practitioner * Enterprise Integration | * TDD and building quality code * SOLID principles and design patterns * Restful and Micro services |

#### Primary Expertise

**Development & Quality Consultant** – As Technical Development Consultant (Private Wealth Mgmt. Group projects - US largest investment bank account), and a member of development teams and consultants across various projects, owning and evolving their technical architectures, managing clients and requirements, planning and estimation, managing change control and delivering technical artifacts, reporting to the steering group.

Solution Architecture – At client’s (a major US Corporate Services, New Jersey) site, designed ( along with senior consultants ) and implemented the solution architectures for a number of projects by working closely with business users and the client’s IT departments.

JAVA IT systems build and deliver – With 11+ years of comprehensive development experience on various JAVA projects, gained expertise in various versions of JSE (4 to 8), JEE (5 to 7) and related Java based frameworks. Firmly believes in Object Orientation, Test Driven Development, Design Patterns, Quality Code, and Continuous Integration.

**EDUCATIONAL QUALIFICATION**

* Bachelor of Engineering in Electrical & Electronics from B.S.Abdur Rahman Crescent Engineering College,

Anna University -Tamil Nadu, Year of Passing – 2010, 72%.

* HSC., State Board -Tamil Nadu, Year of Passing – 2006, 86%.
* S.S.L.C, CBSE -Tamil Nadu. Year of Passing – 2004, 76%.

#### Employment History

* Lead Analyst for CGI Information Systems and Management Consultants (July 2013 to present)
* Senior Software Engineer for iGate Global Solutions, Chennai, from Sep 2010 to till date .

#### Related Expertise

**PROCESSING ENVIRONMENT EXPOSURE:**

* Java JDK 1.5 to 1.9
* Java EE 5 to 7
* Spring 5.x
* Spring boot 2.x
* JPA , ORM , Hibernate
* MicroServices , API patterns
* Python and Unix shell scripts

**STREAMING:**

* Kafka Streams
* Sybase Complex Event Processor ( CEP - 4.4R )
* SAP Event Streaming Processor ( ESP - 5.1 )

**INTEGRATION:**

**Async:**

* AMQP
* Kafka
* Message Queues – JMS
* Solace Messaging System

**Sync:**

* Mulesoft ESB 3.9
* Canvas WS
* Web services
* REST
* SOAP

**CACHING:**

* Coherence Distributed Compute Grid
* Redis

**API MGMT:**

* Open API Specification ( OAS ) 3.x
* Swagger 2.x

**QUALITY ASSURANCE:**

* SONAR QA
* JMETER
* TESTNG
* JUNIT 5.x
* CUCUMBER BDD

**AVAILABILITY PATTERNS / DEVOPS – CI /CD:**

* Hysterix CB
* Open Feign Client
* HAProxy loadbalancer
* Jenkins
* TeamCity
* uDeploy
* Containers – **Docker**
* Container Orchestration - **Kubernetes**
* OpenShift Container Platform **– OCP**

**Server :**

* Tomcat 7.0 Server
* Weblogic 12.0
* Mule 3.9 server
* Sybase Complex Event Processor 4.4R Server
* SAP ESP 5.1 Server

#### KeyExperience – CGI Information Systems and Management Consultants

* Technical Development Consultant (Private Wealth Mgmt. Group projects, largest US investment bank)
* Mid – level Architect

Temporal: July 2013 to Present Location: Chennai, India

Responsibilities:

* Owned the development and delivery of solution architectures of various solution offerings from CGI to the client (Client had engaged CGI to advice, build and integrate client’s IT application systems).
* Owns the design, detailing and evolution of the solution architectures
* As consultant, contributed to the design and development of highly scalable, maintainable and testable, loosely coupled, independently deployable services.
* Implemented continuous integration in the projects with SONAR integration for code quality
* Manages the client, requirements and reports to the steering group
* As consultant, led the development efforts of various solution offerings using Java, Java Web and Java based frameworks like Spring, Hibernate, Struts, etc.
* Led the development efforts and performed the role of a senior developer in a Distributed Caching Compute Grid and Complex Event Processing systems and in a Java BPM project
* As consultant, supported the team leads with critical deliverables and solution offerings.
* Developed the application along with 1 onshore counterparts which included many new business features and completely replaced all the existing ( Sybase CEP ) features with Coherence distributed cache system and Java.
* AGILE Development Management – requirements gathering, planning, estimation, change control
* Implemented continuous integration in the projects using Jenkins with TestNG , Jacoco and SONAR integration for code quality
* Worked closely with the business in identifying and emphasizing the need for better solutions.
* Implemented, managed and supported offshore technical deliverables.
* Preparing Test Cases according to the Functional Specifications.
* Executing Test Cases to validate the functionality

#### KeyExperience – iGate Global Solutions

* Senior Software Engineer (NBC Universal, USA.)

Temporal: Sep 2010 to July 2013 Location: Chennai, India

Responsibilities:

* Owned the development and delivery of solution architectures of various Functional Specifications.
* Contributed to the design, detailing and evolution of the solution architectures
* Led the development efforts and performed the role of a senior developer of various solution offerings using Java, Java Web and Java based frameworks like Spring, Hibernate, Struts, etc.
* Involved in re-writing the application in Java with Spring and Hibernate which was written in BPEL as part of IBM WebSphere Integration Developer.
* Involved in developing the core functionalities of Archival Automation.
* Learned and Developed Struts 2 application and completed well before the time limit.
* Implemented continuous integration using Jenkins in the projects with SONAR integration for code quality
* Manages the client, requirements and reports to the steering group
* Developed SOAP Web Services and followed SOA.
* Led the development efforts and performed the role of a senior developer in a Java BPM project
* As consultant, supported the team leads with critical deliverables and solution offerings.
* Preparing Test Cases according to the Functional Specifications.
* Executing Test Cases to validate the functionality.
* Helped team members technically.