**PROFESSIONAL SUMMARY:**

* **TOGAF 9.2 Certified**. Please verify the badge [here](https://www.credly.com/badges/ccbc896e-c2c8-4022-85a4-7d8dba632d31/public_url)
* Total experience – 13+ years in building large-scale software development, performance-oriented and complex distributed services
* Expertise in **Mulesoft 4.x** and **Java** technology projects
* Experienced in Banking and Transport Domains
* Have expertise in Development, Enhancement and Integration projects.
* Have successfully implemented many project releases which were developed in Java/J2EE technologies such as E-statements (Retail and Corporate), Account-information service provides and Payments information Service provider, Payments Gateway services (Merchants Acquiring business), etc.,
* Managed different teams of various sizes that range from 10 to 21
* Expertise in object-oriented design/principles, Monolithic/SOA, Microservices, etc.,
* Expertise in developing Unit test cases/scripts and to perform end-end testing.
* Ensured the adherence to technical standards and best practices
* Understanding legacy system to gain a deep understanding of legacy codebases, databases, and business rules for modernization
* Have worked in Legacy migration projects-Java 1.5/1.6 to 1.8 and Oracle weblogic server 10.3.x to Oracle weblogic server 12.2.x
* Involved in Payment Gateway and application Integration projects to design the integration of modernized systems with existing systems
* Improved/Implemented Scalability and Performance of application that are scalable and high-performing, leveraging microservices architecture.
* Well experienced in comprehensive documentation that includes architectural/system designs, best practices, and development guidelines
* Possess good leadership, analytical, problem solving and troubleshooting skills.
* Possess Good understanding and working experience in SDLC phases; have involved in all those Phases.
* Possess Good communication skills and good team player.

**EXPERIENCE:**

* Working as **Technical Lead/Architect** and my designation is **Assistant Vice President** in **Barclays Global Services Private Limited** since NOV, 2020 to till date
* Worked as **Lead Consultant** in **Virtusa Consulting Services Private Limited** from June, 2019 to Nov, 2020
* Worked as **Technical Lead/Architect** in **HCL Technologies limited** from November, 2016 to June, 2019
* Worked as an **IT Analyst** in **TATA Consultancy Services limited** from November, 2010 to October, 2016. And **Onshore(London) experience** of **1 year** - worked as the **Technical Lead** for E-Statements application- in **LLOYDS Banking Group**, United Kingdom

**EDUCATIONAL QUALIFICATION:**

* Bachelor of Engineering-**Electronics and Communication Engineering**, Sri Krishna College of Engineering and Technology, Coimbatore- graduated as “**First class with distinction**” with **77 % (Percentage of Marks)**

**SKILL SET:**

|  |  |
| --- | --- |
| Languages /Technologies | JAVA – 5, 6, 8/ Core JAVA,  Mule ESB, Dataweave 2.0,  J2EE, JMS,  IBM MQ,  Oracle SQL/PLSQL,  Jenkins CI/CD,  Groovy,  DevOps,  Chef,  SDLC,  System Design,  Architecture Design,  Business Transformation,  Cloud Transformation,  IT Transformation,  Modernization Technologies,  Design Patterns |
| Framework/Architecture | EJB2.0/EJB 3.1,  Web services (SOAP over MQ),  Microservices, Monolithic  Spring 3.x,  REST 2.x,  JPA/Hibernate,  JDBC,  Spring-boot, spring, spring MVC, spring security  Maven,  AWS Cloud,  TOGAF 9 Certified |
| Utilities/Tools/Servers | **Version Control Tools**: GIT-HUB, GIT, Bitbucket, Tortoise SVN  **Testing Tools**: Postman, SOAP UI  **IDEs**: Eclipse, IntelliJ, spring tool suite, Anypoint studio, IBM Rational clear case, IBM Rational Clear Quest, IBM Rational Software Architect (RSA),  **Servers**: Oracle weblogic server 10.x and 12.2.x, Tomcat, IBM Websphere server(WAS), Jboss, etc.,  **DevOps Tools**: Jenkins CI/CD, Chef, Ansible, Docker, Kubernetes, AppDynamics, DXInsights  **Other Tools**: TOAD, HP quality center,  HP SM7, Axis tool, HP lifecycle management,  SSH tectia |

**PROJECT SUMMARY (Barclays Global Service Centre Private Limited):**

**Project(s): Payment Gateways - Payment RestApi Service (NEXO standard)/SmartPay-Core**

**Duration: Dec 2020 – Till date**

**Roles: Technical Lead/Architect/Line Manager**

**Responsibilities:**

* This project is called “Barclays Payments Merchants Services” in which I am actively involved in developing, testing, and releasing highly available, scalable, resilient, and performance-oriented payment processing/payment gateway APIs such as Authorization, capture/settlement, refunds, cancellations, etc. ensuring compliance with industry regulations, such as PCI DSS, to protect sensitive payment information
* As Technical Lead specializing in NEXO standard payment gateway spring-boot-micro-services, my multifaceted role extends from hands-on development and testing to deployment management, CI/CD pipeline optimization, and mentoring teams in Agile Scrum processes. With a focus on code quality and technical leadership, I contribute to creating robust and efficient solutions for the dynamic world of payment gateway development
* As Team Lead, lead the teams to solve complex problems, adapt to change in processes, tasks, activities, etc.,
* Actively involved to optimize payment processing performance, reduce latency, or enhance the overall efficiency of payment transactions.
* Actively involved in automating the various processing of applications in order to achieve 1-click deployment. Also monitoring and ensuring the code-quality, release maturity, Test maturity, etc., metrics of applications
* Actively participating in all agile ceremonies and also educated the team to follow the agile practices and flows
* Collaborated with cross-functional teams, such as development, finance, and customer support, to ensure a cohesive payment solution.
* Evaluated/utilized new libraries such as JsonSchema2Pojo for a use-case, and utilized customized library (written by me called – “HateoasHelper”), and tools such as Jenkins CI/CD to automate various use-cases
* Actively involved in software design and architecture by designing the systems and Open API specification 3.0 and spectral rulesets
* Implemented following Design patterns – microservices, retry pattern (spring retry), Event sourcing (spring hateoas), circuit breaker and API gateway [using HAProxy] in spring-boot application
* Ensured that the software Architecture and implementation follow security best practices by introducing UUID/Correlation-Id for each transaction, and JWT
* Technically involved in system designing, code/peer reviews, collaborating with stakeholders, analyzing the impact, performance optimization, integration and implementing the system architecture with downstream applications
* Technically involved in solution designing (prepare HLD/LLD, sequential diagrams, etc.,) and developing the system to facilitate the client’s requirements
* Technically challenged and raised concerns about the architecture in order to be suited for implementation and reduce Technical-debts
* Actively involved in leading and mentoring team members in the development of software applications and to improve the application performances. Initiated “Developer-connect sessions” in which colleagues can share the knowledge from different backgrounds
* Involved in supervising the Direct Reports – address any issues raised by, motivate, take responsibilities on, provide timely feedback to, improve the work-efficiency of the Direct Reports

**General Responsibilities**: -

* To develop/test/release various web-services and other applications with various technologies and frameworks such as REST, spring web-services, Jenkins, Chef
* To manage and lead the team members to achieve the business goals in terms of application SDLC lifecyle and nurture their skills to innovate and enhance.
* To design the applications based on business requirements and take part in various initiatives and also bring-up new ideas to improve the work-efficiency and productivity.
* To provide solutions architecture based on the business requirements

**PROJECT SUMMARY (Virtusa Consulting Services Limited):**

**Project(s): Credit Suisse bank**

**Duration: July 2020 – Nov 2020**

**Role: Lead Consultant-Java**

**Responsibilities:**

* Technically involved in developing/enhancing the performance of that application
* Technically involved in automating the monitoring, production alerts, etc., based on the metrics of an application
* Actively involved in desiging and developing the new features as per the business requirements
* Actively involved in leading and mentoring team members in the development of webservices/ and to improve the application performances
* Actively involved in gathering the requirements, analyzing the impact, and implementing the system architecture
* Actively involved in discussions on how to design and develop the system to facilitate the client’s requirements

**Project(s): Royal bank of Scotland-Development-Lead Consultant**

**Duration: June 2019 – July 2020**

**Role: Technical Lead/Lead Consultant-Java**

**Responsibilities:**

* Actively involved in leading and mentoring team members in the development of webservices
* Actively involved in gathering the requirements, analyzing the impact, and implementing the system architecture
* Actively involved in discussions on how to design and develop the system to facilitate the client’s requirements
* Actively involved in development activities

**PROJECT SUMMARY (HCL Technologies limited):**

**Project(s): Payment Gateway - Bank of Ireland-Development-Technical Lead**

**Duration: September 2018 – June 2019**

**Role: Technical Lead-Java and Mule/Dataweave developer**

**Responsibilities:**

* Actively in developing, testing, and releasing highly available, scalable, resilient, and performance-oriented applications which were developed over the SEPA payments messaging format and protocol using PAIN and PACS ISO 20022 XML messages. The API services were written in Mule to create and process SEPA messages integrating with ISO 20022 message-format. Used pain.001 type for payments
* Actively involved in automating the various processing of applications. Also monitoring and ensuring the code-quality, release maturity, Test maturity, etc, metrics of applications
* Actively participating in all agile ceremonies and also educated the team to follow the agile practices and flows
* Implemented following Design patterns – microservices, Retry pattern (spring retry), Event sourcing (spring hateoas), circuit breaker and API gateway [using HAProxy] in spring-boot application
* Actively involved in leading and mentoring team members in the development of webservices and gathering the requirements, analyzing the impact, and implementing the system architecture
* Actively involved in discussions on how to design and develop the system to facilitate the client’s requirements and in development activities

**Project(s): Migration – Transport for NSW**

**Duration: February 2018 – August 2018**

**Role: Technical Lead-Java developer**

**Responsibilities:**

* Actively involved in gathering the requirements, analyzing the impact, studying the system architecture
* Actively involved in discussions on how to design and develop the system to facilitate the client’s requirements
* Actively involved in development activities-migrating the application codes with minimal changes
* Actively involved in finding solutions for the challenges faced during JAVA 1.8 and oracle weblogic migration 12.2.x
* Actively involved in configuring oracle weblogic 12.2.x for all 9 applications
* GIT and SVN repositories are used for application codes. Maven repository for Java artifactories. Apache ant 1.7.0 with ivy was used.
* Spring 3.x and Jersey 2.x were used in all 9 applications that need to be made compatible with Java 1.8 and Oracle weblogic server 12.2.x

**Project(s): Credit service/NOS-PK and Expore -Deutsche bank limited**

**Duration: June 2017 – December 2017**

**Role: Technical Lead-Java developer**

**Responsibilities of Credit service application:-**

* Actively involved in gathering the requirements, analyzing the impact, studying the architecture
* Actively involved in discussions on how to design and develop the system to facilitate the client’s requirements
* Actively involved in gathering the requirements, analyzing the impact, studying the Credit Service’ system architecture
* Actively involved in development activies-to create DTO, hibernate and entity classes, business logic implementation
* Methodology/Tools used - Agile methodology-Jira, Jenkins, GIT repository, Jfrog and teamsite tools were used

**Responsibilities of Expore application**:-

This application maintains the customer and account relationship details. A new requirement was to implement in this application that are as follows:

* Actively involved in gathering the requirements, analyzing the impact, studying the Expore system architecture
* Actively involved in discussions on how to design and develop the system to facilitate the client’s requirements
* Actively involved in development activies-to create DTO, hibernate and entity classes, business logic implementation
* Actively involved in decommissioning two spring webservices which maintains the customer relationship details and to use oracle database to retrieve the customer-relationship details
* Actively involved in upgrading oracle database 10g to oracle database 12g
* Actively involved in remodeling the customer-account relationship framework based on new requirements
* Methodology/Tools used - Agile methodology-Jira, Jenkins, GIT repository, Jfrog and teamsite tools were used

**Project(s): System analytics-Centre of Excellence Team (Part of R&D)**

**Duration: December 2016 – May 2017**

**Role: Technical Lead-Java developer**

**Responsibilities:**

* Actively involved in gathering the requirements, analyzing the impact, studying the R-architecture
* Actively involved in discussions on how to design the system to facilitate the needs
* Actively involved in designing the Java and ‘R’ components

**PROJECT SUMMARY (TCS limited):**

**Project(s): MCA Account opening-sales**

**Duration: February 2016 – October 2016**

**Role: Component designer**

**Responsibilities:**

* Actively involved in gathering the requirements, analyzing the impact, studying the architecture
* Actively involved in discussions on how to design the system to facilitate the needs
* Actively involved in designing the Java components

**Project(s): Worked in several projects such as OCIS SSL, CORI data extract, etc.,**

**Duration: March 2014 – Feb 2016**

**Role: Team Member, Offshore Tech Lead & Onshore Tech Lead**

Notable projects were- P2P Mobile payments, Club lloyds, JVM uplift, MI data, Customer first NFT, CORI data extract project(s), OCIS SSL, HUGO phase 2, UTFP improvement, Oracle 11g change(s)

**Responsibilities:**

* Successfully served as the Onsite development coordinator of E-Statements applications for one full year
* E-statements application servers the SEPA format messages and used "pain.001" for credit transfers and "pain.008" for direct debits.
* Initiated ideas to bring the new projects to TCS such as – UTFP improvement change, EXIT extraction tool (project held at the end of study phase). These projects have now been active and the phases are being carried out
* Guided offshore associates in all the phases of each project and involved in application design
* Interacted with customers, Business analysts, SMEs, other stakeholders and QA for understanding needs and delivering applications that suffice customer’s requirement(s)
* Had attended meetings with EAD/solution architect and SMEs to understand the project's requirements and discussed how the changes can be implemented as applicable to the requirements
* Guided and reviewed the study, design documents and design deliverable developed by my team members.
* Had come up with the Estimation and the project plan and shared it with customer via proper channel
* Performed in Internal Quality Audits and External Quality Audits for all the project deliverable(s) as per LBG & TCS policies.
* Review(ed) the test cases written by the team and ensure the business scenarios are covered in the test scripts.
* Developed the UNIX shell scripts and PL-SQL scripts for the CORI data extract project
* Have solely lead the live implementation activities for all the above mentioned projects

**Project(s): Customer first NFT-Intellistub, GSI Strategic, Galaxy paperless correspondence**

**Duration: March 2013 – February 2014**

**Role: Offshore Tech Lead**

**Responsibilities:**

* Involved in Study, Design and Build, testing and live implementations
* Designed application functions as per the requirements and involved in discussions with the customers
* Foreseeing the Potential Issues and escalating to the higher levels and involved in resolution discussions.
* Involved in the development activities, have lead the newcomers in the team to develop the code and ensured the coding standards are followed.
* Reviewed the test cases written by the team and ensured the business scenarios are covered in the test scripts.
* Had designed, built, tested and implemented the Intellistub java application, which serves as the stub for some of the online service APIs. This new application connects to the oracle database
* Involved in many technical and project level meetings with EADs, SMEs, business analysts

**Project(s): Verde, Galaxy new API, Mass affluent**

**Duration: March 2012 – February 2013**

**Role: Team member-Java Developer**

**Responsibilities:**

* Involved in the development and testing phases.
* Developed the modules, Junits and performed unit/link testing.
* Worked on fixing the Production, SIT and UAT defects/issues.
* Was involved in monitoring the HP QC for ST/SIT defects
* Was involved in night-shift/day-shift support for Verde ST/SIT and warranty phases

**Project(s): LTSB and HBOS Integration, New Router application, CBS special character conversion projects**

**Duration: July 2011 to February 2012**

**Role: Team Member-Java Developer**

**Responsibilities**:

* Involved in the testing phases
* Involved in writing Java unit test cases and performed unit/link testing
* Was involved in monitoring and analyzing the testing defects which were logged in HP QC tool
* Was involved in night-shift/day-shift support for the Integration project and for its warranty phase
* Was involved in the code fixes, as requested by business.

**PERSONAL DETAILS:**

First Name : VIGNESH KUMAR

Last Name : COIMBATORE BALASHANMUGAM

Date of Birth : 07th December 1988

Nationality : Indian

Gender : Male

Languages : English, Tamil

Hobbies : Playing Tennis, chess and Swimming

Notice Period : Serving Notice Period

Last Working Day : 31/MAR/2024

Location : Chennai

Onsite aspirant : Yes

Willing to work in Chennai : Yes

Percentage / CGPA in your highest degree : 77%

No of Backlogs / History of Arrears : 0

Highest Degree (IF ANY) : Bachelor’s Degree

Discipline : Electronics and Communication

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