

Kaviyarasan A

Back End Java Developer

12+ years of remarkable experience in designing, developing, integrating, and supporting **Java Based software development life cycle**

Work Experience & Key deliverables

- Migrated Java Application into **GCP** using GitOps Way Which includes **GKE deployment, GCS Buckets, Bigquery** access for development. **Monitoring the logging in the GCP console.**
- Created **Bigquery Connection** using ADC to access the BQ data set from application code
- **Deploy the artifact** from personal namespace using **kubectl commands through CLI**
- **Used Bitbucket/Gitlab** for **build and deployment** through **jenkins**
- Involve **technical design** discussion. Prepare detailed **technical designs(API, Database design)**
- Involve daily **SCRUM, Sprint planning, Refinement** calls to keep tracking the project status and issues for the sprint
- Applied **Java 8 features Stream API, lambdas, optional, functional interface** to design the Java object and process records.
- Developed **Microservices & API's using Spring boot** and **persist** the records into database using **hibernate and JPA**
- Created **Test cases using JUNIT and Mockito**
- **Lead and Mentor** the team to accomplish the tasks/goals
- Worked for **MDM product** and deploy into multiple clients
- Accomplished the **performance tuning** for queries and Java code
- Written the **Stored Procedure** and call from Java applications
- Implemented **Spring Security using JWT token**
- Worked for **Security fixes** like SQL injection, Cross-site Request Forgery, Cross-site Scripting reflected, Cross-site Scripting DOM, XML External Entity Injection
- Worked in **SAST/CAST** scan issues
- Involved working in **Migrate, Extract, Load, Transformation, Consolidation and Data Management**

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SKILLS

Languages: JAVA8, SQL/PLSQL

Operating System: Windows, Linux

Front End Technology:

HTML, JSP, JQuery, Javascript, JSON

Web Technology: SpringBoot2.x,

Spring 5.x, Spring MVC, Spring Security, Struts

1.3, Servlet, Hibernate 4.0, JPA,

Microservices, API/Rest

WebServices, Design patterns,

Junit, Mockito, Maven,

GitLab/Bitbucket, Bamboo,

Jenkins, Confluence, Jira,

Nexus, Log4j

Web Server : Apache Tomcat 9.0

Database: MySQL, Oracle,

PostgreSQL

IDE's: Eclipse, STS, SQL Developer

Cloud: GCP (Kubernetes Engine,

Cloud Storage buckets, BigQuery,

IAM, Logging, Google CLI)

CERTIFICATIONS

OCJP Java SE 6 Programmer Certification

LANGUAGES

English, Tamil

EXPERIENCE

Hexaware Technologies, Chennai

Technical Architect

Jan 2022 - Present

Cognizant Technology Solutions, Chennai

Senior Associate

Feb 2019 - Jan 2022

Chain-sys India Pvt Ltd, Chennai

Team Lead

Jun 2012 - Feb 2019

KEY PROJECTS

Project 1: Common File Broker(CFB), Brokerage payment system(BPS)

This CFB application used to calculate the excess margin using the Firms file and position file. It uses the UC4 to run the scheduled jobs. The job processes the files and calculates based on the final quantity.

This BPS application is used to calculate the brokerage amount based on the agreement. It processes the file agreements from the firms.

Responsibilities:

- Leading the team and assign the JIRA tickets, estimation and code review

- Working for the GCP migration for all the components(WEB,SERVICES,UC4,PG DB)

Project 2: Default Auction Platform

This application used to auction(swaps,Hedging, Liquidation)the trades using different types of auctions. The application has Base/F&O and IRS option trading where the bidders are bidding the value of the auctions.Then FCM approver's Approve/Reject the bidding.Then the award section generates the awards respective of bids and strike price and award mail will be sent to awardees.

Responsibilities:

- ❖ Lead and Mentor the team to accomplish the tasks/goals
- ❖ Do the estimation in JIRA for the EPIC, Technical Story,Task and deliver to the client
- ❖ Worked for the new enhancements and components
- ❖ Migrated into GCP using GITOPS

Project 3: SetupSmart

This project automates the study build and creation which is used to upload the draft and specification into the Medidata Rave tool and then view the synchronization difference report.We can view the preview and change the specification at any time before upload.

Responsibilities:

- ❖ Develop the services using spring boot which will be integrated with React JS Framework

- ❖ Build the business logic and interact with DB using JPA
- ❖ Unit testing with Junit and Mockito Framework
- ❖ Handle the resources to complete their task
- ❖ Fixed the following major Fortify Security Fixes in Applications
 - SQL injection,Cross-site Request Forgery,Cross-site Scripting reflected,Cross-site Scripting DOM,XML External Entity Injection

Project 4: AppMDM (Master Data Management)

AppMDM provides a “Central Data Hub” to process Master Data Maintenance Transactions. A “Master Data Governance” group controls the Master Data Management process and safeguards the data. AppMDM consolidates master data from multiple sources into a Central Data Hub using Data Quality Management features. Workflow functionality supports data governance and approval processes and procedures. Control of privileges at organization/object/attribute level ensures data integrity.

Responsibilities:

- ❖ Involved working in Migrate, Extract, Load, Transformation, Consolidation and Data Management
- ❖ Handling the Change Request for the Product
- ❖ Handle the resources to accomplish the task
- ❖ Deliver the task with high quality to the clients on time

EDUCATION

RVS College Of Computer Application, Coimbatore—MCA

JUN 2008 - APR 2011 **8.0 CGPA**

Saraswathi Narayanan College, Madurai — B.Sc Physics

JUN 2005 - APR 2008 **59.8%**

Govt Boys Hr Sec School, Andipatti —

HSC

JUN 2004 - APR 2005 **62.5%**

Govt Boys Hr Sec School, Andipatti —

SSLC

JUN 2002 - APR 2003 **80.6%**

Declaration:

I hereby declare that the information provided here is true to the best of my knowledge and belief.

A.KAVIYARASAN