

CAREER OBJECTIVE

To work in an environment where the best of my abilities are exposed and enhance my skills for innovative business solutions that adds value to the organization as well as my personal value.

PROFESSIONAL SUMMARY

- I am a Technical Architect working with GlobalLogic with total work experience of 13 years.
- My main areas of expertise include solution architecture and design work on Java, j2ee solutions for both Desktop and Mobile applications.
- I have hands- on experience on frameworks like JAVA, Spring boot, Spring web flow, Spring MVC, Spring Integration. I am well versed with end-to-end design and development of integration projects using latest industry wide practices, procedures and technology standards like Microservices, Restful services and web applications.
- Mastered 12 Factor apps and implemented Microservices based on that.
- Deep exposure toDDD , SOA, REST .
- Have worked on Migration of Monolithic Architecture to Microservices based architecture.
- Have worked on designing architecture for coexisting legacy applications to Microservices based Next Gen Architecture.
- Have extensive experience in using In-Memory-Data-Grid
- Implemented various Authentication Framework like SSO,SAML,Oauth etc
- Strong Understanding of CI/CD process using Jenkins, BMC RLM and implementation.
- Wide range of experience on various authorization frameworks.
- Have Solid knowledge of implementing TDD and BDD in project.
- Designed various integration components to integrate microservices using Spring integration to various backend like JMS,MQ,HTTP . By providing libraries which can be used by application team to implement backend connectivity.
- Created Multi-tenant application/Framework, which can be used to bring down the cloud infrastructure cost.
- Implemented JWT token based service to service authorization in PCF environment.
- Designed CyberArk integration for storing passwords in a secure manner.
- Designed credhub implementation to safely store certificate in cloud environment.
- Extensively used Splunk and AppDynamics to troubleshoot the issues in production and lower environ- ment.
- Have implemented MTLS for authorizing internal services accessing PCF.
- Data Modeling for SQL and NoSql databases.
- Managed a large team to deliver high quality software products.
- Proven experience in architecture, including scalability, resilience, security, and data architecture.
- Experienced in engineering web and mobile applications end to end, with a focus on customer experience, scale, security, and performance
- Proficient in Cloud Architecture, Services, and Patterns

PROFESSIONAL EXPERIENCE

PROJECT 1:

Employer : Globallogic Inc (Hitachi Group Company)

Period: May 2021 to Present

Designation: Lead Software Engineer

Project Title : Operation Control center

Development Model : Agile

Client : One of the largest telecom operator in USA.

Brief Description: This product was used to monitor the various systems that were involved in the migration of data from one of the telecom provider to another telecom provider . These systems were publishing events to the enterprise data bus which in turn was consumed and streamed into the application. This data is shown in realtime in various forms, i.e grids, reports, charts, graphs, workflow etc

Environment: Java 17, Spring, Spring Boot, Spring Cloud, Spring Integration, Graphana, Cassandra, mysql, Kafka, OKTA, Drools, Jira, Prometheus, Quartz, Kubernetes, liquibase.

Key Roles and Responsibilities:

1. Understanding and designing the product to facilitate business requirements.
2. Architecting solutions based on provided constraints and various technologies.
3. Managed team of 10 members to achieve the delivery.
4. Interacting with the information security team to find and fix the various loopholes in the product.
5. Performance testing and benchmarking of various use cases.
6. Presentations to leadership and organization on latest developments as information sharing.
7. Improving the Quality Gate set for the Project. Helping to achieve different level certification within the organization.
8. Data Modelling for both Cassandra and MYSQL.
9. Interacting with various teams while analyzing the issues happened during conversions.
10. Actively Allocating work to the team and mentoring them .
11. Plan the deliverable and achieve the same until Production deployment.

PROJECT 2:

Employer : TCS Dallas

Period: Aug 2017 to May 2021

Designation: Technical Architect

Project Title : Cloud Shared Services (Next Gen Architecture)

Development Model : Agile

Client : Citigroup

Brief Description: JFP is a customized framework/platform provided by **Citigroup**, upon which various applications are built. Key features of these frameworks are authorization, authentication, security and components to facilitate cloud enablement . These frameworks/services reduces the application's delivery time to market, and is consumed by different geography/channels.

Was involved in architecting and developing Microservices based Next Gen Architecture from the legacy architecture (Monolithic). Also architecting new solutions.ii.

Environment: Java 8, Spring, Spring Boot, Spring Cloud, Spring Integration, PCF, Gemfire, APIM, Kafka, AWS, splunk, APPD.

Key Roles and Responsibilities:

1. Gathering requirements from applications team and designing/enhancing the frameworks to facilitate business requirements.
2. Architecting solutions based on provided constraints and various technologies.
3. Guiding team on migration and new development of projects with latest technology.
4. Publishing design charter or solution paper to all stakeholders.
5. Interacting with information security team to monitor the solution is implemented as per the published design charter.
6. Performance testing and benchmarking of various use cases.
7. Providing solutions to application teams whenever it is needed during construction/support phase.
8. Presentations to leadership and organization on latest developments as information sharing.
9. Improving the Quality Gate set for the Project. Helping to achieve different level certification within the organization.

PROJECT 3:

Employer : TCS

Period : Feb 2015 to Aug 2017

Designation: Design Lead

Project Title : Java Financial Platform (Next Gen Architecture)

Development Model : Agile

Client : Citigroup

Brief Description: JFP is a customized framework/platform provided by Citigroup, upon which various applications are built. Key features of these frameworks are authorization, authentication, security and components to facilitate cloud enablement . These frameworks/services reduce the application's delivery time to market, and are consumed by different geography/channels.

Was involved in architecting and developing Microservices based Next Gen Architecture from the legacy architecture (Monolithic).

Environment: Java 8, Spring, Spring Boot, Spring Cloud, Spring Integration, PCF, Gemfire, APIM.Splunk, App-Dynamics.

Responsibilities:

1. Designed and developed logging framework (Customizing logback, log4j to print logging metrics).
2. POC/implementation done for consuming various Spring Cloud components like Ribbon, ZUUL, Hystrix, Eureka, ConfigServer.
3. Customizing the frameworks as per the need of financial institutional requirement for microservices based architecture.
4. Creating different products for the consumption of application teams, based on '12 factor APP'.
5. Leveraged various capabilities of Pivotal Cloud Foundry, like CUPS, CredHub etc.

6. Designed and Developed Libraries (connectors) for JMS,HTTP,MQ,Gemfire
7. Creating and maintaining swagger for the developed APIs.
8. Integration of Cyberarc for protecting confidential info.
9. Transforming Monolithic architecture to cloud based NextGen architecture.
10. Worked on implementing E2E.
11. Implement TDD (Test Driven Development) practices.
12. Supporting production releases, working with AppDynamics and Splunk.

PROJECT 4:

Employer : L&T Infotech, Chennai/ Japan

Period : April 2010 to to Feb 2015

Designation : Senior Software Engineer

Development Model : Waterfall/Agile

Client : Hitachi

Brief Description: Hitachi Replication Manager is web based application used to replicate high volumes of data between the Hitachi Storage Devices. These storage systems may be spread across the globe and are further classified into Open and Mainframe type storage. It provides an optimum solution for replicating Large Scale and Medium Scale of data. HRpM is developed around Hitachi proprietary standards.

Environment: Java, Struts framework, J2EE Technologies (JSP, Servlets, JDBC), JavaScript, XML, SQL, Tomcat, Apache Flex(MXML and Action script3), Pure MVC Framework.

Responsibilities:

1. Requirement gathering and Specification finalization.\
2. Coding/Review
3. Designed a module allocated using Enterprise Architect.
4. DB Performance Analysis
5. Creating Check list using CL Man for testing
6. Carried out testing as per the Hitachi standards.
7. Followed the full PDLC for the HRpM Enhancement

TECHNICAL SKILLS

Programming Language : Java/J2ee

PAAS/IAAS : Pivotal Cloud Foundry

Frameworks : Spring, Struts2, SpringCloud, SpringBoot, Spring Integration, Sprint Webflow, Spring Security

Database/IMDG : HIRDB,Oracle, MYSQL, Gemfire

Configuration management Tools IDE : SVN, Bitbucket, GIT, Eclipse, STS

Design Tools : Enterprise Architect

Merging Tools : Beyond Compare,Winmerge

Defect tracking tools : Jira, ServiceNow

API Management : IBM API Connect

ACADEMIC QUALIFICATION

➤ Bachelor of Engineering in Electrical and Electronics from AAM Engineering College (2004-2008) affiliated to Anna University with an overall aggregate of 70%.