**Summary**

Full Stack Architect with 16 years of experience in doing solution architecture, application development and systems integrations in distributed as well as Cloud platforms for Fortune 500 Clients. Has good experience in implementing projects in Cloud platforms using Micro services architecture style with responsive web apps. Proven record of accomplishment of delivering quality products on time and taking on new challenges in innovative technologies.

* Ability to design solutions by mapping customer business problems to end-to-end technology solutions.
* Excellent Leadership, Technical, Communication, Analytical and Problem Solving skills and ability to get on well with people including cross-cultural backgrounds.
* Adept in end-to-end development of software products from requirement analysis to system study, designing, coding, testing, de- bugging , documentation and implementation.
* Work effectively with the client management team to identify, estimate, prioritize, and resolve issues
* Lead and mentor a team of developers, assisting with hands-on coding where necessary
* Strong analytical, problem solving & organizational abilities.
* Possess a flexible & detail oriented attitude.

**Technical Proficiencies**

* Java, JavaScript, React, NextJS, AngularJs, BootstrapJS, NodeJS
* SOAP, ReST, XML, JSON.
* GraphQL
* Spring boot, Spring Integration , Spring transaction , Spring Data JPA,Spring Cloud, Spring Data, Spring MVC
* IDE: Eclipse, IntelliJ, Visual Studio code
* Oracle, MYSQL, Marklogic NoSQL, Couchbase
* Apache, Tomcat, Ngnix
* Kafka
* RabbitMQ
* AWS, PCF and Heroku
* Agile/Scrum Team Leader across SDLC
* Performance/Optimization Tuning and Analysis
* Consumer facing applications
* Design patterns for Cloud Native and Responsive web apps

**KEY PROJECT CONTRIBUTIONS**

**CURRENT ASSIGNMENT**

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| **Project Title** | **Post Trade Settlement System** |
| **Client** | Leading Bank in North America |
| **Technologies** | Java 1.9, ReactJS, NextJS, REST services using GraphQL, Couchbase , NoSQL, Kafka, Spring Boot, Spring MVC ,Spring Cloud, RabbitMQ, MySQL |

**PROJECT DESCRIPTION:**

Large and complex project involving next generation digital technologies of Cloud and middleware platforms like Pivotal Cloud Foundry and other Pivotal frameworks like Spring Boot, Spring Integration, Mark logic NoSQL, Solace Messaging, Kafka the project involves usage of these technologies to integrate applications in on premise cloud platform to perform real-time transactions, in-memory grid computations, and parallel processing and event processing with continuous data availability and transactional integrity with resiliency. It is one of the most comprehensive and unified solutions that connects, integrates and optimizes quickly and easily.

**ROLES AND RESPONSIBILITIES:**

* Analyze the current state of the platform in order to perform detailed functions of the existing system.
* Using bottom-up approach of capturing the critical business flows to capture the functional flow, based on this validate and reconcile the findings using top down analysis and recommend and propose appropriate frameworks, tools and technology recommendations.
* Designing the architecture of application in the Pivotal Cloud platform and technologies and make sure that the design meets the non-functional requirements.
* Lead the effort of implementing the code, building and deploying the application in the Cloud development server and make sure that the overall architecture and Design realized by reviewing the technology deliverables and its quality.
* Performance tuning the application using profilers to ensure high performance and scalability.
* Create approach and plan for this large and complex production installation that needs coordination involving multiple application, cloud platform and infrastructure teams.

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| **Project Title** | **Wealth Management Project** |
| **Client** | Leading global custodian company in North America |
| **Technologies used** | Java 1.8 , ReactJS, NextJS, REST services using GraphQL, Couchbase , NoSQL, Kafka, Spring Boot, Spring MVC ,Spring Cloud, RabbitMQ, MySQL, PCF, Docker |

**PROJECT DESCRIPTION:**

Wealth Management Portal Project which was a comprehensive portal solution to merge all the different Wealth application functionalities into unified portal web application for its users. The application was designed to be implemented using AngularJS, BootstrapJS, REST services using GraphQL, Couchbase , NoSQL, Kafka, Spring Boot, Spring MVC ,Spring Cloud, RabbitMQ, MySQL, PCF, Docker

application has been a unified portal solution that merges the functionality all the Wealth applications and enable the user to the RIA experience with portal.

**ROLES AND RESPONSIBILITIES:**

Requirement analysis given by the client and was involved in the design of the application framework and re-usable components.

Contributed as a developer to the team that designed the portal framework solution along with and re-usable components.

* Analyze the current state of the platform in order to perform detailed functions of the existing system.
* Using bottom-up approach of capturing the critical business flows to capture the functional flow, based on this validate and reconcile the findings using top down analysis and recommend and propose appropriate frameworks, tools and technology recommendations.
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* Create approach and plan for this large and complex production installation that needs coordination involving multiple application, cloud platform and infrastructure teams.

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| Project Title | **Private Banking Services portal & workflows** |
| Client | Large Retail Bank in North America |
| Technologies used | WID 6.0.2 , RAD 6.0.1, IBM WebSphere Process Server 6.0.2, IBM WebSphere Portal Server 5.1 WebSphere Business Adapters, IBM WMQ 5.3 , Java 1.5 , Service Data Object framework, iBatis 2.2 framework, Sybase 11, DB2 UDB 8.0, JMS , XSD , XML |

**PROJECT DESCRIPTION:**

The Private banking and Private client services business unit has various business process flow models for servicing the Private banking customers. The Private Banking business users use different workstation portlets which identifies the appropriate business workflows according to the business conditions of the user and kicks of the same. This workflow contains different SCA components that invoke and interact with different external components like EJB with iBatis to access Database, WebSphere MQ, Mainframe and Web services. Workflows are modeled as BPEL components with inline Human Task components that allow Human interactions via the portal at appropriate stage. The Human interaction during the workflow is through the Portal UI interacting to the workflow instance. The Portal and the Process server is integrated using the business process engine APIs and the data flow between them is modeled using the Service Data Object framework. An MDB listener component (using CEI infrastructure) that tracks, logs and audits the state of each workflow instance in a separate audit database. This allows the business users to view the audit information via the portal about the various workflow instances that are created for different business scenarios.

**ROLES AND RESPONSIBILITIES:**

As a developer contributed to the analysis, design and development of the following -

* Workstation Portlets using RAD6.0.1& WebSphere Portal server 5.1 technology using Struts framework for the presentation layer.
* Critical Process Invoke EJB component which integrates the WebSphere Portal and Process Server using the Business Process Engine API.
* BPEL flows, Web service and EJB components using WebSphere Integration Developer 6.0.2 and WebSphere Process Server 6.0.2 for different business models such as Name and Address change, Service request, Client Create and Credit Mortgage business scenarios.
* Development of CEI framework using MDB listener components that tracks the state of each workflow instance in a separate audit database.
* Performance tuning of the WebSphere Process Server.

**Education**

**Bachelors of Engineering (Computer Science) - University of Madras**