

# Jebin Jobus Robin Jayakumar

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## PROFESSIONAL SUMMARY

- Highly experienced Full Stack IT Solution Provider with over 15 years of hands-on development expertise in Java EE.
- Proficient in developing applications from scratch using React, Spring, Angular, and Microservices. Skilled in Micro Front End architecture, Agile Methodology, Git, Maven, CVS, and SVN.
- Extensive hands-on experience in Enterprise Service Bus (ESB) product development. Well-versed in utilizing Azure cloud technology, Docker, and Kubernetes.
- Proven track record of successfully leading multiple teams to accomplish challenging projects.
- An SEI certified professional in "Personal Software Process for engineers".
- Experienced in Product Increment Planning, Client Interaction and Requirement analysis.
- Specialized knowledge in the Banking, Healthcare, and Digital service domains.

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## PROFESSIONAL EXPERIENCE

- **Sr. Technical Manager / Technical Manager/ Technical Lead/** (June 2019-Current)

(GAVS Technologies NA Inc, United States.)

- Successfully lead and completed 3 Projects from the Scratch. All involves the Full stack Development with React/Angular with Spring and Hibernate.
- Lead the Team to develop various Modules including Action Plan for the Operation Advisor, a Health Care product, and a Supply chain Advisor Product from scratch.
- Primary responsibilities include the Design, Development of Code, Unit Testing and Delivery of the complete product.
- Leading the Agile Team and effectively contributing for grooming and planning the Stories. Coordination with Offshore Team members to unblock the technical impediments and completing the Stories.
- Interaction with Business for getting requirements, Analysis and Solutioning.
- Developing the Health care Products for the Client.
- Working on Agile Methodology utilizing the Atlassian Product suite.

- **Module Lead/Technical Lead** (Sep 2011-June 2019)

(Tata Consultancy Services Ltd, United States & India)

- Primary responsibilities include Design, Development and Delivery.
- Functioned as Module Lead and Technical lead.
- Direct Interaction with client for getting requirements, Analysis and Design.
- Developed and delivered projects using IBM MDM product. Used the MDM product for handling customer data for a leading bank in U.S
- Developed and delivered projects using Spring framework. Webservices implemented using Spring, Apache Camel, CMX.

- **Sr. Software Engineer** (2010-2011)

(Bahwan Cybertek Pvt Ltd. Thoraipakkam, OMR, CHENNAI, India)

- Primary responsibilities include development of ESB Module for a Middleware Product.
  - Functioned as Module Lead for ESB Team
  - Involved in the ESB implementation in one of the Leading Bank in Dubai. Visited Client place in Dubai for the same.
  - Involved in ESB implementation in one of the Leading Bank in Muscat.
  - Key role in enhancing the features in the MQ, HTTP, SOCKET,JMS Webservices protocols in ESB
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- **Software Engineer** (2007-2010)

(Advanced Information Services Pvt. Ltd/ Expert Software Consultants Pvt. Ltd.,  
RR Towers IV ground Floor, GUINDY, CHENNAI, India)

- Primary responsibilities include design and development of SKI Product.
- Handled Responsibilities include Client requirement analyst, Technical lead and Delivery Manager for KPCC MIM project.
- Functioned as Team Lead for IADD Project.
- Functioned as Team Lead for SKI Product
- Developed PSP Grader Tool with Process Dashboard.
- Member of the TOMM (Vehicle Tracking Software) Development Team.
- Developed Google Desktop Gadget for Tamil Panchangam 2008 – 2009

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## SKILLS

### TECHNOLOGIES:

- Java Enterprise Edition, React, Angular

### DEVELOPMENT EXPERTISE:

- Enterprise Java Middleware / SOA / Enterprise Service Bus (ESB), Microservices, Micro Frontend (Module Federation), Azure Cloud, Web Services, Event/Message Driven Services, IBM Master Data Management (MDM), AG Grid, Docker, Kubernetes

### METHODOLOGIES:

- Agile, Test-Driven Development (TDD), Waterfall, CMMi Key Practice Areas (PSP/TSP)

### SOFTWARE SPECIALITIES:

- Java EE, Spring, Hibernate, RESTFul, Axis, SOAP - Webservices, MQ, JMS, Swing,

### DATABASE:

- Oracle, Teradata, DB2, Postgres and MySQL

### DEVOPs and Tools:

Git, Maven, Jenkins, JACOCO, SONAR, Eclipse, RAD, Netbeans, JIRA, IntelliJ, SourceTree

### SERVERS:

- Websphere, Jboss, Apache Tomcat, Weblogic

**PLATFORMS/SYSTEMS:** Windows, LINUX, AIX,

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## CERTIFICATIONS

- ✓ **IBM MDM** Certified developer.
  - ✓ An SEI certified professional in PSP/TSP for Engineers. Carnegie Mellon University, USA through Advanced Information Services Pvt Ltd.
  - ✓ Domain Certification in Core Banking and Retail Banking
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## PROJECT EXPERIENCE SUMMARY

<b>Project Title</b>	<b>Supply Chain Advisor – Rewrite</b>
<b>Client</b>	Premier Inc, US
<b>Period</b>	January 2022 – Current
<b>Position</b>	Technical Manager
<b>Description</b>	<p>SCA Rewrite is a complete Rewrite of existing legacy SCA application from scratch using React as Frontend and Spring based Microservices for the API. This entire application is built using Micro Front end approach using the Module Federation Plugin. I've involved in doing the Proof of Concept of Micro Frontend in coordination with the in-house Design system to make sure Micro frontend works fine with it. Also, I'm handling development of one entire Application (Non-Premier Contracts) from scratch and be compatible with the Micro frontend. This Application has multiple modules like Create Contracts, Edit, Mass Edit, Publish and all the navigation are handled through React Routing.</p> <p>This project uses the 18.x version of React with Functional components and React Hooks, Ag-Grid enterprise edition for the Grid . Microservices security is based on Spring Security.</p>
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>✓ Requirements discussion and understanding through Grooming session</li><li>✓ Low level Design, Component structuring and Coding.</li><li>✓ Clarifying requirement and Coordination with Offshore</li><li>✓ Design and Develop Micro services components</li><li>✓ Build, Unit testing.</li><li>✓ Support for System Integration Testing and Implementation.</li><li>✓ Defect tracking and monitoring and on time delivery</li></ul>
<b>Technologies/Tols</b>	<ul style="list-style-type: none"><li>✓ React, Spring based Microservices,</li><li>✓ Java 11, Spring MVC, Spring Boot, Spring Security, Hibernate, Spring JPA, Azure build Pipeline</li><li>✓ AG-Grid Enterprise edition, Maven, Gradle, Git, Bitbucket</li><li>✓ IntelliJ IDE, Linux, Oracle</li></ul>

<b>Project Title</b>	<b>Operations Advisor</b>
<b>Client</b>	Premier Inc, US
<b>Period</b>	June 2019 – Current
<b>Position</b>	Technical Manager
<b>Description</b>	<p>Operations Advisor (OA) is a total labor management solution that offers productivity Monitoring, assessment, and comparative data, allowing hospitals to compare operational performance against peers and national benchmarks. Accessing the Perspective (TM) database, hospitals can measure performance against top performers at the corporate, facility and department cost center levels. Operations Advisor is a comparative data product that fully integrates a productivity measurement system with quarterly benchmarking, allowing healthcare professionals to tie improvement efforts with the budgeting process.</p> <p>As part of this project Operation Advisor Product is being upgraded and rewritten to use the Next Generation Technologies including Java, Spring boot, Microservice Architecture, Ab Initio, MicroStrategy, Angular UI with responsive page design. The objective of this project is to scale up the product performance and provide new features and functionalities prioritized delivery based on the Customers requirement. All the major modules including Data Management, File Uploads, Action Planning, Reporting and Benchmarking are redesigned to adopt new technologies, UI and architecture to serve the customers better way.</p>
<b>Responsibilities</b>	<ul style="list-style-type: none"><li>✓ Requirements gathering</li><li>✓ Understanding the system &amp; processes involved.</li></ul>

	<ul style="list-style-type: none"> <li>✓ Design and Develop web services components</li> <li>✓ Build, Unit testing.</li> <li>✓ Support for System Integration Testing and Implementation.</li> <li>✓ Defect tracking and monitoring and on time delivery</li> </ul>
<b>Technologies/Tools</b>	<ul style="list-style-type: none"> <li>✓ Spring based Microservices,</li> <li>✓ Java 11, Angular 8, Spring MVC, Spring Boot, Spring Security, Hibernate, Spring JPA</li> <li>✓ Maven, Gradle, Git, Bitbucket</li> <li>✓ IntelliJ IDE, Docker Container with Kubernetes Platform</li> <li>✓ Linux, Oracle, Teradata,</li> </ul>

<b>Project Title</b>	<b>Customer Information &amp; Analytics – Ally Customer Master(ACM)</b>
<b>Client</b>	Ally Financial, US
<b>Period</b>	December 2017 – June 2019
<b>Position</b>	<b>Developer – Module Lead</b>
<b>Description</b>	<p>Ally Customer Master(ACM) is the SOR for the Ally Customer profile information. This system is developed on top of IBM Master Data Management and the integration layer with Jboss Fuse architecture with Restful Webservices. There are APIs developed in Fuse layer which transforms the request to the Core MDM request Format and serves the end clients. Also Fuse layer takes care of Message propagation layer which sends the update information to the downstream systems through Active MQ. This Integration architecture also comprises of Hadoop system which sends the batch update to ACM through regular Batch process through Control-M Jobs. An UI is available to search and update the entries in ACM which again uses Rest API for the Search and Update calls.</p>
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>✓ Requirements gathering</li> <li>✓ Understanding the system &amp; processes involved.</li> <li>✓ Design and Develop web services components</li> <li>✓ Build, Unit testing.</li> <li>✓ Support for System Integration Testing and Implementation.</li> <li>✓ Defect tracking and monitoring and on time delivery</li> </ul>
<b>Technologies/Tools</b>	<ul style="list-style-type: none"> <li>✓ Restful Webservices,</li> <li>✓ JUnit, Maven, SVN, Bitbucket</li> <li>✓ Oracle DB, IBM MDM</li> </ul>

<b>Project Title</b>	<b>Accounts Servicing</b>
<b>Client</b>	Bank of America, US
<b>Period</b>	December 2016 – November 2017
<b>Position</b>	<b>Developer – Agile Methodology</b>
<b>Description</b>	<p>Accounts servicing is an integral module to the Online Banking application of Bank of America. The overall functionality of this module is to facilitate the customers to view their account information and consume the services provided by Bank of America pertaining to customers according to their types and privileges. The technical part of this module comprises of the View and middleware components which has UI components and Webservices tier which mediates and orchestrates the</p>

	<p>control to fetch the information from other services provided by different backend channels. The Webservices and MVC layer are created and maintained using Spring framework along with Struts. Groovy is used to create the rule engine framework within the application.</p> <p>The project which I have worked is <b>Mobile Dashboard</b> which provides the account and reward summary information in a dashboard tiles format for the Mobile customer. Here we have facilitated the Webservices with required information along with order of information need to be provided. Also a Webservice is provided to persist the customer preferences information.</p>
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>✓ Requirements gathering</li> <li>✓ Understanding the system &amp; processes involved.</li> <li>✓ Design web services which interact with different systems to perform multifarious CRUD operations.</li> <li>✓ Build, Unit testing.</li> <li>✓ Support for System Integration Testing and Implementation.</li> <li>✓ Documentation</li> <li>✓ Defect tracking and monitoring and on time delivery</li> </ul>
<b>Technologies / Tools</b>	<ul style="list-style-type: none"> <li>✓ Spring, Webservices, Groovy</li> <li>✓ JUnit, Maven, CVS</li> <li>✓ Oracle DB</li> </ul>

<b>Project Title</b>	<b>Consumer Portal</b>
<b>Client</b>	Flagstar Bank – MI, US
<b>Period</b>	November 2014 – November 2016
<b>Position</b>	<b>Technical Lead – Agile Methodology</b>
<b>Description</b>	<p>Consumer Portal is a Mortgage Banking application which facilitates the customers to choose the desired product for their mortgage, initiate their loan request and to track the different stages of development of their loan application process. It also has a module for Loan officer which is called as Loan officer portal, for processing the loans, notify the user for the appropriate documents and to address consumer queries. They also can validate the documents with the integration of application from other vendors, match the suitable product for the consumer and complete the whole process of mortgage loans</p> <p>Consumer and Loan Officer Portal Project is a responsive web application for browsers, tablets and all kind of mobile devices with different resolutions. This Application communicates to database through Webservice developed using Spring framework which does the CRUD operations. Also used JPA and hibernate for DB Persistence and retrieval in Oracle database. Maven is used for build and cvs as version controlling system.</p>
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>✓ Requirements gathering</li> <li>✓ Understanding the system &amp; processes involved.</li> <li>✓ Design web services which interact with different systems to perform multifarious CRUD operations.</li> <li>✓ Build, Unit testing.</li> <li>✓ Support for System Integration Testing and Implementation.</li> <li>✓ Documentation</li> <li>✓ Defect tracking and monitoring and on time delivery</li> </ul>

<b>Technologies/Tools</b>	<ul style="list-style-type: none"> <li>✓ Webservices(Rest using Spring)</li> <li>✓ Testng, Spring, Maven, CVS</li> <li>✓ Oracle DB</li> </ul>
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<b>Project Title</b>	<b>Reference Data Systems – Websphere Customer Centre</b>
<b>Client</b>	Bank Of America - US
<b>Period</b>	October 2011 – November 2014
<b>Position</b>	<b>Module Lead/Technical Architect – Waterfall Model</b>
<b>Description</b>	<p>WCC is the core Customer hub for consumer leveraging the IBM WCC product for customer Data Integration. WCC is System of record for Customer Profile and Customer to Account linkages. WCC resource Pool plays a significant role in the functioning of BOA CIS (Customer Information Systems). The high significance of WCC lies on the fact that only WCC gives a single enterprise view of all the customer data and almost all the customer transactions pass through WCC with the help of various API's.</p> <p>We have started working on higher version of WCC, which is MDM (Master Data Management) Version 8.5 from August 2010 and will continue to develop services on MDM. Master Data includes the core business entities which constitute the enterprise's data assets such as Customers, Products, Suppliers, Employees, Accounts, Locations, Branches, Factories, and Stores and so on.</p> <p>MDM is the combination of technologies, processes and practices needed to create, store and maintain Consolidated, Consistent, Contextual, Complete, Accurate view of master data across multiple business processes, Application Systems, Business units and potentially enterprises</p>
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>✓ Requirements gathering</li> <li>✓ Understanding the system &amp; processes involved.</li> <li>✓ Design web services which interact with different systems to perform multifarious operations like create, update, retrieve, and find details of a customer.</li> <li>✓ Build, testing.</li> <li>✓ Support for System Integration Testing and Implementation.</li> <li>✓ Documentation</li> <li>✓ Defect tracking and monitoring and on time delivery</li> </ul>
<b>Technologies/Tools</b>	<ul style="list-style-type: none"> <li>✓ IBM MDM</li> <li>✓ Java Webservices(SOAP &amp; Restful)</li> <li>✓ IBM RAD, DB2, Websphere Application Server</li> <li>✓ Mule ESB</li> </ul>

<b>Project Title</b>	<b>ESB Implementation -</b>
<b>Client</b>	Bank Muscat, Muscat
<b>Period</b>	June 2011 – September 2011
<b>Position</b>	<b>Module Lead – Product Implementation</b>
<b>Description</b>	This project is to connect various Channels (i.e) Consumers to the Core banking service provider (Finacle). The channels uses MQ to connect to the ESB and after based on the service required by the channels, appropriate business logic and transformation is done at the ESB level and message is routed to the appropriate service provider. This includes the Telephone Banking, Bill payment, validation of the request, History list management etc.
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>✓ Requirements gathering</li> <li>✓ BPM workflow analysis and Design</li> <li>✓ Channel and Queues configuration Design and creation.</li> <li>✓ Implementation Design.</li> <li>✓ Product Enhancement and implementation of new features</li> <li>✓ Support for System Integration Testing and Implementation.</li> <li>✓ Documentation</li> </ul>

	✓ Defect tracking and monitoring and on time delivery
<b>Tools</b>	✓ Java 1.4, EJB 2.0, JMS, SOAP, MQ, SQL, JSP, Struts

<b>Project Title</b>	<b>Utility Bill Payment - CUECENT ESB</b>
<b>Client</b>	RAK Bank, Dubai
<b>Period</b>	August 2010 – May 2011
<b>Position</b>	Module Lead
<b>Description</b>	Utility Bill payment is an ESB implementation for Leading Bank in Dubai, This project is to connect various Channels (i.e) Consumers to the Core banking service provider (Finacle). The channels uses HTTP protocol to connect to the ESB and after based on the service required by the channels, appropriate business logic and transformation is done at the ESB level and message is routed to the appropriate service provider. This includes the Bill payment, validation of the request, History list management etc.
<b>Responsibilities</b>	Requirements gathering BPM workflow analysis and Design Channel and Queues configuration Design and creation . Implementation Design. Support for System Integration Testing and Implementation. Documentation Defect tracking and monitoring and on time delivery
<b>Hardware</b>	LINUX, AIX
<b>Languages</b>	Java 1.4, EJB 2.0, JMS, SOAP, MQ, SQL

<b>Project Title</b>	<b>KPCC MIM</b>
<b>Client</b>	Desicrew / Karnataka Pradesh Congress Committee
<b>Period</b>	April 2009 – May 2010
<b>Position</b>	Module Lead
<b>Description</b>	KPCC MIM(Member Info Management)is an enterprise application software built for Karnataka Pradesh Congress Committee, which is being used for digitizing and managing the Congress member information in Karnataka state. This software has facilities include Tasks allocation to various centres, Tasks Monitoring module,Dataflow administration, Data entry facility(SKI), Photo Cropping module(JAI), Quality Control Module, Dashboard,Operational Reports, MIS etc.
<b>Responsibilities</b>	Requirements gathering Database Design. Design and Implementation. System Integration Testing. Documentation Defect tracking and monitoring and on time delivery
<b>Hardware</b>	LINUX, Windows
<b>Languages</b>	Java 1.6, JSP, Servlets, Swing
<b>Database</b>	PostgreSQL

<b>Project Title</b>	<b>iADD – Audio</b>
<b>Client</b>	Desicrew
<b>Period</b>	October 2008 – March 2009
<b>Position</b>	Team Member
<b>Description</b>	iADD is the IVR processing software which is used to digitize the address verification content received by the client from the customers. Client receives the customer information as audio files,

	iADD software then facilitates to transfer files in a cycle through various roles and for each person based on their role, respective facility provided by the software to complete the task. The software also includes the facilities like MIS, Operational reports, Day to Day administration details, error alert mechanism and the Dashboard
<b>Responsibilities</b>	Requirements gathering Design and Implementation. Unit Testing. Documentation Defect tracking and monitoring and on time delivery
<b>Hardware</b>	Windows, LINUX Server
<b>Languages</b>	Java 1.6, JSP, Servlets, Swing
<b>Database</b>	PostgresSQL

<b>Project Title</b>	<b>SKI –Data Entry and Processing Product</b>
<b>Client</b>	Data-entry Product
<b>Period</b>	June 2007 – September 2008
<b>Position</b>	Team Member
<b>Description</b>	<p>SKI is a Data Processing software used to automate and speed up the Data entry operations. SKI is designed to solve the three main issues with traditional data-entry operation which are Security of Data, Mapping data that needs to be entered to the location where that data is available, The time and energy that it takes to train data entry operators regarding the data-location mapping</p> <p>The software automates the training operation so that data entry operators only see one small fragment of a scanned Image and has to type in the data that is available on that Image fragment cropped by the Software. In essence, the data-entry operator's job is deskilled. There is no training involved for the DEO. The trainer's job is limited to training the software once. Fragmentation also helps in data security. Training of the software can be done to ensure that the data entry operator never gets to see the confidential or sensitive information.</p> <p>The software was developed in Java with a Swing GUI. Image manipulation process (Cropping, Resizing) in the Software uses JAI technology. The software can handle a MySQL or a Postgres SQL database as a back-end. The transfer of file fragments from a secure server to the data entry location site is managed using SCP. Server Side administration is purely web based using the J2EE Technology.</p>
<b>Responsibilities</b>	Requirements gathering Design and Implementation. Unit Testing. Documentation Defect tracking and monitoring and on time delivery
<b>Hardware</b>	Windows, LINUX Server
<b>Languages</b>	JAVA, JSP, SERVLETS, Postgres SQL, TOMCAT
<b>Database</b>	PostgresSQL
<b>Project Location</b>	Advanced Information Services Pvt Ltd, Chennai, India

## EDUCATION

<b><i>Master of Business Administration in Technology Management</i></b>	2009 to 2012
Anna University, Chennai.	
<b><i>Bachelor of Engineering in Instrumentation &amp; Control</i></b>	
Bharath Institute of Science and Technology	2002 to 2006
Anna University, Chennai.	