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SUMMARY

- 15 years of experience in software development and the IT industry, working as **lead full stack software engineer** with exposure to various industries such as **health insurance, transportation and logistics, supply chain management**, vehicle insurance.
- More than 12 years of experience in developing and delivering applications using various SOA, **Java and JavaEE technologies, web development frameworks and architecture**.
- Experience working with IaaS cloud provider. I am **AWS Certified Solutions Architect - Associate** ([validation](#) # RJE5Z52LB1Q1LKM) and **AWS Certified Developer - Associate** ([validation](#) # QH428EL1BB11QDS1).
- 5+ years of experience architecting and leading development team to develop apps and solutions using **Salesforce cloud platform**. Certified developer with **Salesforce Certified Platform Developer I** and **Salesforce Certified Platform Developer II** certifications ([verify](#)). More at: <https://trailhead.salesforce.com/me/pvirpariya>.
- Proven track record architecting and developing software solutions delivering business value in collaboration with business users, business system analysts, qa and development teams.
- Excellent communication skills, analytical and problem solving skills. Have the ability to work in or lead a team to deliver complex technology solutions by using practical, patterns-based approach to achieve stated objectives within limits of time, budget and stakeholders' satisfaction
- Participated and practiced complete SDLC. Worked with both **waterfall** (quarterly releases) and in **agile** environment with sprints of 2 weeks to 1 month.

TECHNICAL SKILLS

Languages, Technologies and Framework	Core Java (started with J2SE 1.4 and used upto Java SE 8), JavaEE, Angular, TypeScript, Javascript, CSS, JQuery, JSP, Servlets, JMS, JDBC, EJB, MQ, Struts, Hibernate, OpenJPA, Spring, Spring Boot, JUnit, SOAP and RESTful web service
Salesforce Technologies	Lightning framework (aura and lwc), Apex classes and triggers, SOQL, SOSL, Visualforce (pages, components & corresponding controllers), Web services (SOAP and RESTful using Apex), Workflow & approvals, Dashboard, Reports, Communities, Standard & custom objects, Data loader, Administering and monitoring org
Application Servers / AWS Infrastructure and Tech	Websphere Application Server V8.0/8.5, Oracle WebLogic Application Server 8.1/10.0, Apache Tomcat, S3, EC2, API Gateway, ELB, IAM, VPC, RDS, SQS, Lambda
Business Proc Mgmt.	Microsoft Visio, IBM Rational Rose
Database	Oracle
Build Tools/CI/CD	Ant, Maven, Jenkins
Config Mgmt.	SVN, Dimensions, Rational ClearCase, CVS, Git
Tools and IDEs	Eclipse, Visual Studio Code, Force.com, IntelliJ IDEA, Postman, XML Spy, SQL *Plus, TOAD, SOAPUI, Loadrunner, JRockit Mission Control
Operating Systems	Windows, Mac OS, Unix (HP-UX, AIX) and Linux
Other	XML, XSD, SAX & DOM Parsers, HTML (4 & 5)

PROFESSIONAL EXPERIENCE

Client: CareFirst BlueCross BlueShield (FEP Division)

August 2011 – Till Date

Projects: FEP Bridge Claims processing | Console UI | Batch processes

FEP division of Carefirst BCBS caters as federal employees' health benefit plan. FEP Bridge is an umbrella offering that contains a suite of applications. The suite of offering has several projects such as claims processing engine, UI application called console, batch jobs, rule engine, post adjudication and voucher processing, Salesforce apps for support staff etc. We also act as SaaS provider and sell and host these applications for other plans besides CareFirst. All of these systems are integrated with each other. Claims engine also interacts with external entities such as national adjudication system, pricing system, clinical editing system etc.

Role and responsibilities:

- Working as senior and lead developer for Console UI, Claims processing and batch process development.
- Interact with different stakeholders, business users and various tech teams to understand requirements and existing functionality and to propose solutions and design.
- Design, develop and unit test changes. Involved in code reviews, peers testing and deployment support. Help and guide junior team members.
- Act as level 3 (highest level) support for issues arising in production. Fix bugs and issues.
- Deliver quality code to meet defined SLA for end to end transaction.

Core Technologies/Frameworks: Java SE (6 & 7), OpenJPA 2.0, EJB 3.0, Spring, JAX-RS, Apache CXF, JMS, MQ Series Server, Apache Wicket, HTML, Angular, TypeScript, Javascript, JQuery, CSS, Oracle 11g, XML, XSD, JAXB, Lombok, Ant, Apache Ivy, SL4J, JUnit

Tools: MyEclipse, Visual Studio Code, Postman, Websphere Application Server 8 & 8.5, TOAD

Project: Salesforce apps: CRM (Customer Relationship Management) | Workflow | CaseTrack

All of these three apps are developed on Salesforce platform. All three heavily utilizes custom objects, visualforce and extensive apex based controllers/classes/triggers. CRM is meant to support customer service department of the company and interfaces with a variety of external systems to provide a holistic view of our members to our CSRs. Workflow app supports claims processing department to track, assign and evaluate their work. CaseTrack app is developed to aid our internal teams trying to recoup already paid claims as part of subrogation, workers compensation, class action/tort etc. We also sell these apps to other plans and manage them on their instances. Also worked on communities implementation to facilitate collaboration between plans.

Role and responsibilities:

- I work as a tech lead and senior developer for CRM and CaseTrack apps.
- Interact with end users, business analysis team and UAT team to understand end user's perspective and business needs. Propose technical architecture and solutions to meet those needs. Develop the apps based on proposed solution and unit test it.
- Help in deploying apps to various environments including production. Provide deployment support and act as SME for any issues coming in production.
- Follow agile methodology and 1 month sprints to deliver new changes quickly in prod.
- Write unit tests for apex classes, review team member's code and guide them in achieving their goals/tasks. Develop reporting and dashboard for end user.
- Provide and implement innovative ideas to increase performance and improve maintainability and readability of code.

- Development of communities with lightning framework to drive engagement among customers.

Tools and technology: Force.com platform, Lightning framework (lwc and aura), Community, Apex classes, controllers and triggers, Visualforce pages, Custom components and controllers, Standard and Custom objects, Workflow rules, Apex based web services, SOQL, Event Monitoring, Reports, Dashboards, Console integration toolkit, JQuery, CSS, Salesforce data loader

Client: United Parcel Service - Supply Chain Solutions (UPS)

April 2008 to August 2011

Product: Rapid Transportation Management (RTM) | WarehouseManagement System (WMS)

RTM was order management system with transportation management component built in. A very important product that enabled UPS Post-Sales and UPS Express Critical business that was worth 100s of millions of dollars along with other integrated applications of the Post-Sales portfolio. This Java EE framework and related technologies based product provided complete workflow management during order life cycle and used web services to interface with other applications. This provided its users one homogeneous interface to manage transportation for all orders and facilitated role based authentication and authorization along with other services. It provided three different interfaces. A separate interface for customers and vendors apart from the standard OMS (all three separate applications bundled in the same product). The product was installed as two separate components. Enterprise component which housed all web tier and business tier classes. Another component, called routing ran on separate server, which housed home grown routing algorithms to decide the best possible and most optimal route using drive job, air job or third party job.

The product also deals with many different third party products such as Microsoft MapPoint for rendering maps and routes for a particular order, other ASDI services to track all the flights in real time in order to update the order automatically, payment gateways of paypal for optional credit card billing payment services, SSIM for updating flight information, PC*Miler for geocoding and drive distance/time calculation etc.

Role and responsibilities:

- Acted in the capacity of java developer. My primary task was to enable replacement of existing OMS (Vantive) used by business with this new OMS providing many added values to customers. After all new features had been incorporated into this new product, migrate over all the customers to this new system and the new interface in different phases.
- Work with functional users and BSA to create functional requirement docs and convert them over into technical requirement docs. Technical design documents included use cases, class diagrams, sequence diagrams etc.
- Analyze requirements and existing code in order to achieve the business goals with the best possible configurable design. Design, develop and unit test changes on different modules such as ERP updates, EDI order creations etc including one of the most important module named routing and service configuration.
- Changes/additions to database schema for new requirements according to needs
- Wrote a framework based on quartz schedulers to replace existing flux based framework which enabled scheduling and triggering of alarms based on configurable timed events.
- Managing all stages of SDLC beginning from requirement management, code management and check ins, defect reviews, defect fixes, demo to functional users, support for QA and UAT testing. Also worked as 4th level support person to analyse and provide solutions for production issues that cannot be addressed by 1st, 2nd or 3rd level support.
- Worked as subject matter expert for few areas of product and mentored new developers.

Technologies: Java (JDK 5), Servlets, Struts 2.0, Hibernate, Spring, Flux/Quartz, JSP, JNDI, JMS, EJB (2.1), Oracle 10g, XML, Castor, Ant, Javascript

Tools: IntelliJ IDEA, WebLogic Application Server 10.0, TOAD, XML Spy as XML editor

Company: Oracle India Pvt. Ltd.

April 2007 to Feb 2008

Product: Oracle Transportation Management (OTM)

OTM was highly customizable web based product developed using J2EE architecture to cater transportation and logistics industry. The product provided some of the key features such as high performance transportation optimization, global transportation collaboration and execution, logistics automation with exception management and complete logistics network visibility. The product had domain based authentication and authorization mechanism for different roles and user. Shippers can create order base, order release and plan shipments from the inventory. Shipment planning can be optimized using the algorithms present in the product. This shipment can be executed and tendered to different service providers present in the system using different mechanisms. The service provider can login to the system and can accept or decline tenders. OTM also had configurable workflow management system and these workflows could be triggered based on many events identified in the system. Product also had integration layer to integrate with other Oracle applications from the E-business suite.

Role and responsibilities:

- Worked as Apps Engineer, participate in functional requirement document preparation and review meetings to enhance functionality according to client recommendations. Converting functional requirements into technical requirements and creating Technical Design Documents. Architect, design, develop and implement different features in one of the modules called collaboration.
- Implement overall design and structure of certain features in the product. Created technical design and implemented the same for internationalization of javascript validation framework messages.
- Interacted with existing customers through client forums to sort out their issues in their current deployment and identifying their issues as bug/not bug or enhancement and implement those enhancements/sort out bugs.
- Database schema designing/modification for backend. Writing java classes for implementing and executing workflows synchronously and asynchronously by posting or scheduling topics on to queue. Writing EJBs to execute some of the business logic
- Used XML and XSLs to generate UI screens shown to the user. For customizable UI screens, wrote .jspx files. Used DOM parser APIs to generate XML files for outbound integration of entities present in OTM with other oracle applications.

Technologies: Java, Servlets, JDBC, JNDI, JMS, EJB 2.0, Oracle 9i, XML, XSL, AJAX, JavaScript, HTML, CSS

Tools: Eclipse, WebLogic Application Server, Apache Tomcat, Clearcase, TOAD

Older Projects (details can be provided if needed):

Client: Suncorp-Metway Limited, Australia

April 2006 - March 2007

Projects: Payment Online and Application Integration Services Registry (AIS Registry)

Client: DHL

July 2004 - March 2006

Projects: Import Express Online (IEO), Web Shipping International (WSI) and XML Public Interface (XML-PI)

EDUCATION

Bachelor of Engineering in Instrumentation and Control

1999 - 2003