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Professional Summary

- Dynamic and accomplished software engineering leader with 20 years of experience in application development, project management, and enterprise integration and cloud infrastructure management.
- Proven expertise in implementing robust software solutions, leading cross-functional teams, driving technological innovations and vendor management.
- Skilled in software development methodologies, continuous delivery, and enterprise architecture.
- Demonstrated success in managing large-scale projects, optimizing processes, and achieving strategic objectives.
- Adept in applying capability maturity model, risk management and managing software development methodologies like TDD and agile.
- Extensive domain knowledge in financial, telecom, governance, risk & compliance, and healthcare industry.

Experience

Senior Manager, Software Engineering - Capital One Bank, USA

Aug 2019 – Current

Cyber Tech Aug 2022 - Current

- Responsible for managing data-in-transit strategy for data loss prevention team across US, UK and Canada operations.
- Architected solutions to improve crypto agility and standards for enterprise.
- Managed and built multiple highly performing technical teams.
- Responsibility include Project execution and planning, delivering high-quality products on time.
- Manage vendor relationships and support audit and CISO with incident management.
- Define organizational objectives for the cryptocurrency sector and align them with a strategic roadmap and vision, including the establishment of specific OKRs.

Card Tech Aug 2019 – Aug 2022

- Lead and mentor technical teams for Card - Customer Resiliency projects, ensuring alignment with business objectives.
- Owned estate, finance and reporting domains and led multiple intents.
- Provide architectural guidance and manage multiple technical teams.
- Oversee project execution and planning, delivering high-quality products on time.
- Manage vendor relationships and lead incident management sessions.
- Serve as Subject Matter Expert (SME) for key business processes, driving continuous improvement and innovation.

Authorized Officer – UBS Business Solutions, USA

Jun 2015 – Aug 2019

- Demonstrated leadership skills in improving app dev tools and standardization.
- Architected solutions to align with enterprise goals and project needs.
- SME for technical troubleshooting and supporting applications.
- Managed project delivery with involvement into budgeting, resource management and project executions.
- Improved continuous delivery pipelines across IT applications and instrumental in process definitions.
- Encouraged knowledge sharing across the firm and demonstrated functional programming style across Application Delivery Division.
- Conducted Team management health checks and incorporated feedback from team members.
- Participated in tool evaluation process for App development and early adopter on new technologies to demonstrate best practice.
- Proactively participated in code quality analysis and automating testing process.
- Designed and developed software components for data processing and report generation.

Application Owner/Technical Architect: CAI - Middleware Services Layer

Client Account Information application owns all customer and account data of wealth management division and supports in maintenance and integration of the data across WMA applications.

- Lead the development effort and project execution.
- Own solution delivery of multiple projects to address business needs.
- Solution Architect for designing interfaces and integration points with applications.
- Enhance capability of the application and align with long term goals of the enterprise.
- Managed resource for teams and handled multiple vendor/fulltime employee management.

Project FCM – FA COMPENSATION

IT Simplification effort across UBS Technology stack and cost reduction effort by porting out existing application from Mainframe/COBOL programming language to Distributed/SCALA language.

- Lead the development effort and project execution.
- Followed Agile development model and acted as scrum master for managing sprints.
- Developed multiple components which can parse and auto-generate Java/Scala code.
- Managed project lifecycle from inception to delivery.
- Collaborated with internal teams for quality control.

Environment: SCALA 2.11.7, Java (JDK 1.8), Apache Kafka, Apache Zookeeper, REDIS, JUnit, Log4J, XML, JSON.

Project NNM - NET NEW MONEY

Projects vision was to reduce IT cost by porting out existing application from COBOL programming language to JAVA and executing in the existing Mainframe environment.

- Lead the team and managed the project execution.
- Collaborated with internal team for smooth project delivery.
- Followed Agile development model and contributed for managing sprints with agile coach.
- Owned project component design and interfaces and software design documentation.
- Developed in-house library with reusable software components. Which will be used in similar port-out projects with in UBS.
- Successfully executed and completed the project on time and reduce the long term cost by rewriting in Java Language using IBM JZOS API

Environment: Core Java (JDK 1.8), IBM JZOS API, Z-OS, JUnit, Log4J.

Technical Lead - Wipro Technologies, USA

Aug 2012 – Jun 2015

Capital One Bank, USA.

Project: Anti-Money Laundering Technology Enhancement for Agents- AML TEA

TEA initiative is to facilitate the AML team of Capital One with money laundering investigation. NICE Actimize platform is used for case management. To complete the research and file SAR the Agents need information to build/validate case. TEA's main objective is to integrate into enterprise SOA Layer and reduce the effort with the agent investigation.

- Design solutions to integrate multiple source systems.
- Implement Proof of Concept solutions for Demonstration to business clients.
- Integrate SAP Business objects reporting platform and Restful web services for data enrichment.

Environment: Core Java (JDK 1.6), J2EE (JSP, Servlets), SAS Business Intelligence & Analytics, MongoDB, Spring framework (Spring MVC), RESTful webservice, Weblogic Server, JUnit, Log4J, XML, JSON.

Capital One Bank, USA.

Project: GRC Platform - PRIME

Governance, Risk and Compliance team of Capital One corporate risk management offers services to internal business lines using IBM OpenPages GRC Platform. PRIME team is responsible for customization and to provide interface for managing organizational risk to internal business units like Credit Card, Banking and Financial Service.

- Extend functionality of the IBM GRC platform by customizing the application to client needs
- Implement BPM Workflow using platform triggers using Core Java/J2EE.
- Implement Batch process
- Integrate IBM Cognos Reports into GRC Platform and customize the notification using java mail API.
- Providing production support with existing GRC platform and manage existing workflow in Fujitsu BPM engine.
- Integrated components like Single Sign On to openpages application.
- Configure the project for continuous integration, maven and sonar to comply with quality standards.

Environment: IBM GRC Platform (5.5, 6.0, 7.0), IBM Cognos, Core Java (JDK 1.6), DOJO, J2EE (JSP, Servlets), IIS 7.5, Weblogic Server, JUnit, Log4J, XML, JSON, Java Script, HTML, Maven, Sonar, Hudson.

Cisco Systems Inc, USA.

Project: WebEx - Social

Cisco WebEx Social (formerly Cisco Quad) is an enterprise collaboration platform that combines the power of social networking, content creation, and real-time communications. The platform provides employees a quick way to connect with the people and resources on daily activities. WebEx Social helps break down organizational silos with easier collaboration across departments and geographies.

- Performance improvements with liferay portlets.
- Extending functionality of existing portlets and customizations
- Participate in scrum and agile planning sessions.
- Automated testing of portlets using selenium web browser automation.

Environment: JSR 186/286, Core Java (JDK 1.6), DOJO 1.6.1, J2EE (JSP, Servlets), Spring framework (Spring MVC), RESTful webservice, Weblogic Server, Liferay portal server, JUnit, Log4J, XML, JSON, Java Script, HTML.

Cisco Systems Inc, USA.

Project: RPMgr – Resource Profile Manager

The Project was a bootstrap for C3 tactical which efficiently route the customer support calls for the Cisco System Inc product lines. The Resource Profile Manager will integrate into Enterprise Web SOA layer and add functionality to other applications with managing CS Agent skill sets for efficient call routing.

- Lead development effort to design the system.
- Implemented modules of the project like Cache using Ehcache, webservice client.
- Integrated with RDF - Joseki endpoint for OpenRDF and RESTful services using HTTP client.
- Managed Effort estimation and project plan execution.
- Converting wireframes into functional harness using DOJO.
- Engaged with business/Testing teams to architect solutions.
- Mock Scenarios and test data for early development efforts.
- Guided developer on achieving team goals and conducted code review.

Environment: Core Java (JDK 1.6), DOJO 1.6.1, J2EE (JSP, Servlets), Spring framework (Spring MVC), RESTful webservice, Weblogic Server, Apache Tomcat 6.0, JUnit, Log4J, XML, JSON, Java Script, HTML, PRPQ.

Senior Software Engineer – Object Win Technology, Bangalore

Dec 2011 – Aug 2012

Cisco Systems Inc, USA.

Project: RPMgr – Resource Profile Manager

Consultant – Tell-e Technologies, inc., San Jose

Mar 2009 – Jul 2011

Chicago Mercantile Exchange (CME Group), Chicago.

Project: Referential Enhancements, CDS day2, COPPER

The Project was to provide features for internal clients (Clearing House) to support the trades at the CME group exchanges. The new system aims to provide faster, product creation to market time and support existing trading. Porting existing C21 based product generators to Java, and moving the data repository from DB2 to Oracle. Model data as Core Repository for product and pricing enterprise repository (COPPER).

- Designed and implemented Product API (Client Library), which is used by customers, trading with any CME group exchanges and internal clients like Front End Clearing, Positions, Clearing House and ORG account regarding the product data.
- Plan development effort in agile iteration cycles.
- Enhanced the features for rule based product generators.
- Provided production support for various environments with patches/fixes and data ownership.
- Collaborated with QA team to plan strategies/regression and coordinated data setup on mock scenarios.
- Translated business requirement to technical specification (for Clearing IT).
- Support (DB2 and Oracle) data in various production, certification and QA environments.
- Ported projects from Maven 1 to Maven 2 build system and Managed build iterations as Blade Logic packages.
- Integrated the artifact with Bamboo and Sonar for continuous integration management.
- Job Scheduled in UC4 and managed batch processes.

Environment: Core Java (JDK 1.5), J2EE (JSP, Servlets), Struts framework, Hibernate, Tibco Rendezvous Messaging, JDBC, JINI, JERI, Weblogic Server, Apache Tomcat 6.0, JUnit, Log4J, Apache Chainsaw, XML, HTML, Oracle, IBM DB2, PL/SQL, Toad, AQT, IBM Clear Case, IBM Clear Quest.

Intern Java Developer – Chicago Mercantile Exchange (CME Group), Chicago**Jan 2008 – Dec 2008***Project: Product R21 – Re – Engineering, PPLUS 0*

The Scope was to realize the enterprise wide vision to remove the legacy C21 – Cool Gen systems. The existing systems takes time from product creation to the time it gets in market because of the time to setup the derivative product. The objective of this project was to speed up the entire process by isolating the business rules from the system and also to inbuilt some rules into the system for easy resolutions. I contributed to the project by designing the Compiler, which takes in a Natural Language grammar that can recognize the implied knowledge from simple English like statements.

- Implemented CME Language, which includes all phases of Compiler construction.
- Designed components for compiler - parser, tokenizer, data structures etc.
- Designed and implemented Generic Calendar API's, which includes Expression Evaluation Engine using Java's Reflection API.
- Implemented algorithms like shunting yard-postfix conversion, loop optimizations, Cyclic Dependency Checks/Resolving etc.
- Analyzed and enhanced the existing product structure hierarchy (Business Analysis).
- Integration and unit testing project modules.
- Used Google Web Toolkit and extensions libraries (GWT-Ext) and implemented a mock UI for the dynamic tree components using GWT.
- Participant in Software Documentation like E.A.D. (Enterprise Architecture Document).
- Java IDE - IntelliJ IDEA 7.x and Eclipse and Used Rational Tools like Clear Case for version control.

Environment: Core Java, LEX, YACC, REGEX, J2EE, JMS, BEA Web Logic, JUnit, GWT-Ext, AJAX, Java Script, XSLT, XML, HTML, CSS, Oracle, JDBC, PL/SQL, Toad, IBM Rational Clear case, MS Visio, Unix.

Internet Media Developer – Illinois Institute of Technology, Chicago**IIT Online, IIT, Chicago****Oct 2006 – Dec 2007***Project: Blackboard*

I worked as Media developer and supervisor for quality control. IIT Online was responsible in content creation of courses offered at the university through online channels. Schedule/manage remote feeds from classroom and converting between different formats for efficient delivery of the class room content at the web portal.

- Provided content development procedures for IIT's Internet lecture videos broadcasted through blackboard.com web portal.
- Designed and implemented in-house authoring tool in Java Swing.
- Worked with in-house authoring tool to generate Real Player's SMIL Code for the lecture videos and timing Camtasia Video for lectures.
- Using Real Producer to Encode captured video in to suitable formats for online streaming; which includes bandwidth management and server configurations.

Environment: Java Script, Swing, RMI, XML, HTML, SMIL, CSS, Real Player, Camtasia Studio, Windows Server Administration.

Entrepreneur - Career Support India, Coimbatore, India.**Jun 2005 – Jun 2006**

The Career Support India is a startup BPO/man-powering agency with BPO client base.

Education

Bachelor of Engineering in Computer Science and Engineering. - Anna University, Chennai, India.

Master of Science in Computer Science. - Illinois Institute of Technology, Chicago, Illinois.

Certification

- **Sun Certified Java Programmer (SCJP)** SUN SAI 212-035 certified programmer.
- **Sun Certified Web Component Developer (SCWCD)** for the Java 2 Platform, Enterprise Edition 5 - SUN SAI 212-083 certified developer.
- **JCP (Java Community Process)** - Java Expert Committee Member.
- Active Participant and Member in Online Technical Forums Including Sun Developer Network.
- Certified **J2EE Architect** (Training provided by EL-Link Technologies [P] Limited, Chennai).
- PMI Agile Certified Practitioner (PMI-ACP)
- AWS Certified Solutions Architect Associate
- AWS Certified Security - Specialty
- ISC2 provided CISSP - Certified Information Systems Security Professional

University Projects

- **Proxy Server with Packet Filtering Mechanism:** This tool was developed in Core java in partial fulfillment of *B.E., Srinivasa institute of Engineering and Technology, Chennai*. The Proxy Server is in a Multi-Layered Architecture, which allows Server Chaining. The Proxy server's Web Filtering is rule based "simple raw http data filter" enabling less computation overhead at the Client side.
- **Chat Application (Client - Server Model):** Chat Application with file sharing capabilities.
- **Web Designing** using J2EE Technologies (Shopping Cart - training Project) by EL-Link Technologies.