

Chandrakant Kondi

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Professional Summary:

- Working as Technology Lead for **Infosys** Ltd from June-2010 to present.
- About **10.5** years of experience as Developer, Application/Cloud Support Engineer and Sr. Developer for various Cloud-Native, Web-Based and Kiosk-Based applications in **Retail & Loyalty** domains.
- Highly Experienced in applying **Agile Methodologies** like Scrum, Kanban and XP for Product Delivery.
- Mastered the business and technological aspects of **Retail Store application and Loyalty Management Solutions**.
- Proficient in building highly performant applications and **Restful** Webservices using - **Java, JEE, Spring, Spring Boot, Spring JPA, Hibernate and AWS** (EC2, ECS, SQS, SES, Aurora, RDS, DynamoDB) which follow Microservices Architecture or Service Oriented Architecture.
- Well versed in developing/migrating Products using **Microservices** architecture and associated Design Principles like Domain Driven Design, Event-Driven, Deployability (Independently) etc
- In-depth understanding of **Object-Oriented** Programming and Design.
- Strong understanding of **Cloud Native** development and have conceptual understanding of **Kubernetes** platform.
- Good and in-depth understanding of **cloud concepts** and experienced in development and maintenance of applications deployed in **AWS cloud Infrastructure**.
- Ability to work both independently and in a team with effective collaboration and communication to achieve a common goal. Possess good problem-solving skills and a quick learner and a good Team Player.

Key Responsibilities:

- Ensuring quality and secure software/application is built at speed by employing best **Design Principles, Architectural Patterns** and **DevSecOps Practices**.
- Perform System Design, Architecture Analysis and draft the System Appreciation Document.
- Anchor proof of concept (POC) development to validate proposed solution and reduce technical risk.
- Feasibility analysis, extensive unit testing, System test case preparation, System testing, UAT support
- Maintaining code quality, security and test coverage using **Sonar, CheckMarx, OWASP** and **JaCoco** tools.
- Design and Development of **Restful** Web services using Spring, RestEasy frameworks backed by either **Sql or NoSql** data stores.
- Analysing application performance and memory profile using tools like Eclipse Memory Analyzer (MAT), Java Melody, Glowroot and **AppDynamics** and subsequently develop a fix for it.
- Implement resilient and complex integrations with 3rd party systems
- As a **Support Engineer**, I would address the issues in the form of tickets based on priority and bring it to closure within defined SLA. Additionally, perform Root Cause Analysis using tools such AppDynamics, Kibana (ELK) and plan/deploy product releases to production.
- Building Metrics dashboard in **AWS Cloud watch** and **Kibana** for various AWS resources such as EC2, Load Balancers, RDS and Dynamo DB which helps in visualizing, analysing, and alerting.

Skill Set

Primary Skill Set: Java, J2EE, Java Web Services (RESTful, SOAP), JSP, Servlets, JPA, JDBC, Maven, Gradle, AWS Cloud, Docker, Microservices, Pact (Contract Testing), Cucumber BDD Testing, Apache JMeter (Performance Testing), Devops(CI/CD)

Frameworks: Spring Core, Spring MVC, Spring JDBC, Spring JPA, Spring Boot, Spring Batch, Hibernate, AWS SDK

Secondary Skill Set: Python, Shell scripting, JavaScript, HTML, Knockout JS, Ajax, CSS, Excel VBA, and PL/SQL

Domain: Retail Store Systems (2010-2014), Loyalty Management Solutions(2015-present)

Databases: Informix, Oracle, Mysql, AWS Aurora, MongoDB, AWS DynamoDB

Tools: IntelliJ Idea, Git, Jenkins, CircleCI, Sonar, Postman, SOAP UI, Eclipse Memory Analyzer Tool (MAT), AppDynamics, Kibana, Service Now

Agile: Jira, Confluence, Crucible. Sprint Reviews and Sprint Retrospectives

Education

B.E in Electronics and Communications from Osmania University, Hyderabad. India

Project Experiences

Project	Nectar Loyalty Product - Modernization
Client	Sainsbury's (Major UK Retailer)
Role	Sr Java Developer
Location	London, UK
Duration	Mar 2020 - present
Tools/Skills set	Linux (RHEL), Java11, RESTful Services, Spring Boot, Spring-Batch, Hibernate, Oracle, Gradle, Git, Circle CI (CI/CD), Docker, AWS (ECS, ALB, DynamoDB, SQS, SES), Cucumber BDD, Pact
Project Description	Nectar is a coalition loyalty program in the United Kingdom with approx. 18 million user base and several partner companies including Sainsbury's, Esso, and eBay. Modernization Squad was created to rewrite the Product Core Services with Cloud Native approach in Microservices Architecture without impacting partner integrations.
Key Deliveries /Responsibilities	<ul style="list-style-type: none">• Design and Development of highly performant REST Web services as microservices using Spring Boot framework• Implemented a high performance ETL job using Spring Batch with AWS Dynamo as datastore.• Redesign existing application/services into a set of scalable microservices using Domain Design Principles (DDD)• Implemented Consumer Driven Contract Testing with Pact for interdependent microservices• Proposed and implemented a replacement for SOAP UI test suites with Cucumber BDD test automation for user journeys• Implement CI/CD using Circle CI• Adopted Shift Left Security Strategy using Checkmarx and OWASP dependency checker in CircleCI build pipelines

Project	AIMIA Loyalty Platform (ALP)
Client	AIMIA (Loyalty Analytics and Products)
Role	Sr Java Developer/Lead Support Engineer
Location	London, UK; Minneapolis, USA
Duration	Dec 2014 – Mar 2020
Tools/Skills set	Linux (RHEL), Java7, RESTful Services, Spring, Spring-Batch, Spring-Security, Hibernate, Drools, Apache Solr, Apache Camel, ActiveMQ, Mysql, MongoDB, Jetty, Maven, Git, Jenkins (CI/CD), AWS(EC2, S3, EBS, Route53, ALB)
Project Description	AIMIA Loyalty Platform (ALP) is a revolutionary flagship loyalty management solution to support both coalition and proprietary loyalty programs for their customers. ALP is a complex product built on the latest technologies with the intent to become global leader in loyalty management which caters to multiple domains, providing different modes(Cloud and On-Prem) of operations, is flexible yet scalable and performant at cost effective rates. A major US Luxury Store, a major Australian Bank and a Car Rental are some of the clients that run their loyalty programs on ALP.

Key Deliveries /Responsibilities	<ul style="list-style-type: none"> • Performing impact analysis for new user stories drafted. • Design and Development of highly performant REST Web services using Spring framework • Take part in architectural discussions and highlight risks • Analysing application performance using GC logs, Java Melody, AppDynamics and VisualVM. • Maintaining code quality (Sonar) and test coverage (JaCoCo) • Perform Code review and ensure best coding practices are followed • Support Product Releases and Data migration to ALP • Providing support to operations team with proper documentation and warranty support. • Development of Kibana dashboard using ELK (Elastic search, Logstash, Kibana) stack from Nginx web logs • Monitoring the system health using Nagios tool for various servers within the Infrastructure stack
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Project	Wal-Mart Financial Services Application Development (Online Dashboard, Money Transfer, Rapid Pay and Check Cashing Applications)
Client	Wal-Mart
Role	Java Developer
Location	Hyderabad, India
Duration	Sept 2013 – Dec 2014
Tools/Skills set	JSP, RESTful web service, SOAP web service, Spring MVC, Spring-JDBC, Logback, AJAX, Knockout JS, IBM Webshere 8.5, Maven
Project Description	<p>Wal-Mart Financial Services will provide the customer a seem less experience to various financial applications. As a part of the project the following applications were developed:</p> <p><u>Check Cashing</u>: An in-store kiosk application to help customers cash their checks</p> <p><u>Rapid Pay</u>: An in-store kiosk application is used for filing income tax returns at a Wal-Mart store</p> <p><u>Money Transfer</u>: In-store kiosk application used for money transfer. Integrate with Ria and Money Gram who do the actual financial transaction</p> <p><u>Online Dashboard</u>: One stop solution to operate/manage all financial transactions related to Walmart business. The application will enable user to view details related to all associated accounts at one place and perform financial transactions provided by the Financial Service Providers (FSP). The user will be able to manage details related to their profile and that of FSPs. The application will fetch information related to FSP via API giving the user seem less experience.</p>
Key Deliveries /Responsibilities	<ul style="list-style-type: none"> • Requirements gathering from Business Analyst. • Preparing Technical Design documents with sequence diagrams. • Worked with SDLC phases i.e. analysis, design, development, and testing phases for the entire application • Design and Development of Kiosk applications (Using Java7, Spring MVC, Hibernate, KnockOut JS, JSON, JavaScript, HTML) • Used JUnit framework for Unit testing of application • Involved in MySql Database Design • Used Maven and Jenkins for application build

Project	Automated Customer Service Machine (ACSM)
Client	Wal-Mart
Role	Technical Support Analyst
Location	Hyderabad, India
Duration	Oct 2012 – Aug 2013
Tools/Skills set	HTML, Java Script, CSS, Informix, SQL Server
Project Description	A Set of Applications developed to serve the customer with Cell phone purchase/activation, Firearm purchase, Hunting/ Fishing License Sale and Gift Registry in the USA. The Applications are hosted on stand-alone kiosk in the Wal-Mart stores.
Key Deliveries	<ul style="list-style-type: none"> • Performing root cause analysis and getting the fix rolled out to the production environment in a

/Responsibilities	<p>controlled manner.</p> <ul style="list-style-type: none"> • Interacting with clients and sending communications during any priority incident • Drafting deployment plans and getting approvals from Change Control Board. • Reporting the weekly Metrics to the client with supporting data.
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Project	ASDA – PAM (Pick and Manage) and PUT (Pick up Today)
Client	Wal-Mart
Role	Technical Support Analyst
Location	Chennai, India
Duration	Dec 2010 – Sept 2012
Tools/Skills set	VB.Net, Informix, UNIX, Remedy, J2EE, Unix, Informix, Geronimo Server
Project Description	<p><u>PAM (Pick and Manage)</u>: ASDA (UK) a subsidiary of Wal-Mart runs Homeshopping a program that allows the customer to place a grocery order online and get it delivered to the customer’s doorstep. PAM (Pick and Manage) is a mobile in-store application used for the fulfilment and delivery of the orders placed online.</p> <p><u>PUT (Pick Up Today)</u>: A shopping option available at Walmart.com to purchase in-store items online and pick it at their preferred store at their convenience. Items ordered online will be fulfilled from the store’s inventory enabling a faster order fulfilment</p>
Roles& Responsibilities	<ul style="list-style-type: none"> • All support activities will be logged and monitored through BMC Remedy • Perform interim fixes for issues raised • Perform root cause analysis and submit details report to client • Maintain knowledge base for recurring issues and publishing them to L1 team, reducing the in-flow ticket count • Execute Pre-Go-Live configurations and setup for stores and ensure smooth roll-out • Developed an excel tool which automates the Weekly status reporting for multiple modules