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Experience Summary

Full stack cloud developer having **18 Years** of experience in the IT industry with thorough hands on experience on J2SE, J2EE, JavaScript Technology (React, Angular, Knockout, NodeJS), Microservices, Kafka, Rest, GraphQL, Cloud (Kubernetes, Docker, Spring Cloud), Oracle and MongoDB. Exposure to multiple cloud providers like AWS and Oracle Cloud. Supportive and enthusiastic team player dedicated to streamlining processes and efficiency resolving project issues.

Certification

Oracle Certified Professional: Java SE 17 Developer
AWS Certified Solutions Architect – Associate
Oracle Cloud Infrastructure Foundations 2021 Associate (OCI)
SCJP 1.6 (Sun Java Certified Programmer)

Courses

Java | Spring | Spring Security | Apache Kafka 3.0 | MongoDB | React 15 | Angular 6 | Python 3 | Machine Learning, Data Science and Generative AI with Python

Skills

Expertise – Java 8+, React 15, React Native, Angular 6, Oracle, MongoDB, Spring Boot, Spring Cloud, Jpa, Kafka, Docker, Kubernetes, AWS, OCI
Cloud Technology – AWS, OCI
Virtualization – Docker, Kubernetes
Web Services – REST, SOAP, GraphQL
ORM Technology– JPA, Hibernate 3.0
BPMN – Camunda 7
Operating System – Linux, Windows, Solaris
Programming Languages – Java, JavaScript, Python 3
Java Technology – EJB 3, Web Services (JAX-WS, JAX-RI, JAXB, Axis 2), JMS, JMX, RMI, JSF 2.0 (Java Server Faces), Oracle ADF, JBoss Seam, AJAX (Apache Trinidad), Java Security.
Caching – Redis, Apache Ignite, Oracle Coherence Cache
JavaScript Technology– Angular 6, React 15, TypeScript, Oracle JET, Require JS, Knockout JS, RxJS, Jasmine
Automation Technology – Protractor, Selenium, Cucumber for Java
Mobile Technology – React Native, Ionic, Cordova, Android platform 2.1 (Eclair) native
Web Skills – Html 5, Dhtml, JavaScript, CSS 3, jQuery
Application Servers – JBoss EAP, Web Sphere 6.1, WebLogic (8.1, 11g, 12c), Tomcat 6.0
Database – MongoDB, Elasticsearch, Cassandra, Oracle 12C, Postgres 8.2
Domain Knowledge – Telecom, CRM, Network
Version Control – git, SVN, IBM Rational ClearCase 7.1, ClearQuest, Oracle ADE, git
Big Data– Kafka, Spark, Apache Hadoop 2.0 (YARN), MapReduce, Pig, Hive (Basic Knowledge)
Trade Technology – Fix Protocol
AI Tech – LLM Concepts, Transformers, RAG, Functions, Google Gemini 2.0 Flash

Project Experience

Charles Schwab (IrisSoftware)

Senior Java Lead Developer | New Jersey, USA | June 03, 2024 – Till

Project: Thinkpipes (Award Winning Advisory Platform)

Project Details:

A powerful, innovative platform designed to help advisors trade the way they want.

Module Responsibilities:

- Architecting / developing a cutting-edge AI-powered system that will revolutionize how Trade Desk personnel and financial advisors operate, also to help advisors making decisions. This will leverage powerful multi-modal Large Language Models (LLMs), this will be further augmented with Retrieval-Augmented Generation (RAG), ensuring real-time access to a constantly updated knowledge base of market data, internal documentation, and relevant external sources. This will also use function calling to seamlessly interact with external platforms, automate workflows (like querying data, placing orders, generating reports), and execute actions based on advisors requests.
- Working on modernization of ThinkPipes, transform the current monolithic to microservices in GCP
- Working on Thinkpipes Routers, Listeners to have low latency trade communication via Fix Protocol (Fix Messages, Fix Gateway)
- Performing Service, DB (Oracle to Postgres) migration POCs into AWS
- Handling team of 20 engineers both onsite and offshore.
- Leading the recruitment of 4 lead engineers onsite and 25 engineers offshore.

Environment:

Java 8, Microservices, Kafka, Kubernetes, RMI, Oracle, Postgres, Fix Protocol, Google Cloud Platform (GCP)

Client: All major institutional investors

Oracle America Inc

Principal Member Technical Staff | New York, USA | Aug 05, 2019 – June 03, 2024

Project: Oracle Rightnow CX

Aug 2019 to Apr 2024

4.5 Yrs

Project Details:

This is Oracle cloud's SAAS product, a CRM application with RightNow backend.

Module Responsibilities:

- Orchestrating the microservices through Camunda BPMN process for different types of events, eg: Kafka, Rest Services, Async Rest Services, GraphQL and other OCI terraform events like VCN, VCN peering, EFS, Fast Connect.
- Develop SAAS CRM end to end from UI (React, Oracle Jet, Knockout), Backend (Microservices, Async Rest, Kafka) and deploy/manage in OCI (Oracle OCI, OKE)
- Created Helm charts for product wide logging with Kibana, Fluentd and Elasticsearch and deploying it to Oracle OCI via Oracle OKE (Oracle Kubernetes Engine) as Kubernetes cluster nodes.
- Created deployment and test Sandboxes with CI/CD via Helm charts leveraging Oracle OCI services (Registry, Secrets, OKE and other)
- Maintain and support Oracle Cloud (OCI), develop and maintain new features.
- Taking active part in code reviews.
- Writing and managing automation tests/frameworks.
- Debugging, testing and fixing customer issues.

Environment:

Java 8, Microservices, Kafka, Kubernetes, Helm, Docker, Typescript, Oracle OCI (Registry, OKE)

Client: LinkedIn, Walmart, Chewy, OnePlus, GE, ICICI bank

Verizon Wireless (Experis US Inc)

Senior Programmer Analyst | New York, USA | Aug 27, 2018 – Aug 02, 2019

Project: DTIX Express

Project Details:

This is used to manage network topology, troubleshoot different products of Verizon like Fios, HIS and other.

Module Responsibilities:

Making product cloud aware by using Ignite as session caching and AWS S3 for cluster discovery

Environment:

Java 8, Apache Ignite, Amazon Web Services, Spring, Spring Cloud

Client: Verizon

Cisco Systems (India) Private Limited

Engineer IV | Bangalore, India | Sep 11, 2017 – Aug 20, 2018

Project: Evolved Programmable Network Manager (EPNM)

Project Details:

EPNM is an element and network management system solution. It provides simplified, converged, end-to-end lifecycle management for carrier-grade networks of all sizes.

Module Responsibilities:

- Taking part in all the architectural designs
- Setting up and writing Rest and UI layer
- Given presentations in deciding different technologies (Mongo/ES Search, Spring Boot/Apache CXF, Angular 2/ React JS)
- Architecture and Implement UI, rest and WebSocket layer

Environment:

Java, JDK 1.8, Spring boot, Angular 6, MongoDB, Kafka, Zookeeper, SNMP 4J, Docker, Kubernetes

Client: Reliance, Verizon, Deutsche Telekom

Oracle India Pvt Ltd

Principal Member Technical Staff | Bangalore, India | Dec 20, 2010 – Sep 08, 2017

Project: Oracle Assisted Services

Aug 2015 to Sep 2017

2.1 Yrs.

Project Details:

Creating SOAP/REST based microservices to support Oracle RightNow web.

Module Responsibilities:

- **Designing Services:** Design and basic implementation of different services and its interactions. Services like Context Service, Command Service, Security Service, Internal Cache Service, Internal and Public contracts.
- **Oracle JET (JavaScript Extension Toolkit):** Creating JET client using different JS libraries which talks to services via SOAP/REST
- **JSP Client (JSPs):** Creating a test like client to test services separately without ADF dependency.
- **ADF Client:** ADF Client is integrated to RightNow web to leverage same service and have ADF UI.

Role / Responsibility: Principal Member of Technical Staff / Handling a team of 5 / Part of CIAT team

Environment:

Java, JDK 1.8, Spring (Core, Boot), Oracle Coherence Cache, Apache CXF (SOAP, REST), Oracle JET, Require JS, Knockout JS, TypeScript, RxJs, Jasmine, cucumber (Automation Framework), SCSS, Jetty Server, WebLogic 10.3, RightNow CX Webservices, Oracle ADF

Client: Decathlon, Cisco, Flipkart

Project: Oracle RightNow web access

Feb 2012 to Aug 2015

3.5 Yrs.

Project Details:

A web-based solution in Java to RightNow's .net, window-based CRM application.

Module Responsibilities:

- **Cluster Support:** Making application to support replication, failover ready in ADF environment.
- **ADF way:** Understanding and creating RightNow based webservice client in Axis 2. Modelling it in the ADF framework for a seamless integration.
- **GWT way:** Creating UI on GWT.
- **jQuery/RESTful way:** Creating UI in JQuery with model of RESTful webservice.

Role / Responsibility: Software Developer / Managing a team of 6**Environment:**

Java, JDK 1.6, XML (XSLT, XPath 2.0), Webservices (JAX RI, JAXB, Axis 2), Oracle ADF, GWT, jQuery, RESTful Webservice, Python (Jython), SAML (Basic)

Client: Cisco, ICICI Bank, Internal Scrum Management**Project:** Oracle CRM Agent Console

Dec 2010 to Feb 2012

1.2 Year

Project Details:

An Oracle scratch project for CRM which is to help agents organize faster responses for customers.

Module Responsibilities:

- Mentoring team with new technology as ADF and SOA suite.
- Application design and development.
- Looking into integration issues with other modules.

Role / Responsibility: Software Developer, Module Lead, Build Admin**Environment:**

Java, JDK 1.6, RedHat Enterprise Linux 6.0, Oracle ADF and ADF faces, Oracle SOA Suite, Oracle 11g, WebLogic 10.3

Client: Oracle**Avaya India Pvt Ltd****Senior Software Engineer** | Pune, India | Aug 21, 2006 – Oct 22, 2010**Project:** Avaya System Manager

Aug 2006 to Oct 2010

4.3 Yrs.

Project Details:

The key feature of the project manages users/roles/fault monitoring for the Avaya CMs (Communication Managers).

Module Responsibilities:

- **Search Helper Implementation:** A middleware program which transfers search data from UI to backend also supports web services.
- **Alarming:** Module implemented in JAXB implementation of web services with spring and JSF.
- **Log Harvesting:** Module which collects logs from remote machines and makes a final archive. It has the capability to view logs, search in logs from UI and download logs. Implemented in EJB 3, web services (JAX-WS) and Apache Trinidad (JSF).

Role / Responsibility: Software Developer, Module Lead, Build Admin**Environment:**

Java, JDK 1.6, Web Services, Axis 2, Hibernate, EJB 3, JSF, Apache Trinidad, JBoss Seam, JMS, JMX, JBoss 4.3.2, Web Sphere 6.0, Oracle 9i, Postgres 8.2, RedHat Linux 5.0, Sun Solaris.

Client: Comcast, Citibank, ICICI Bank, Avaya Session Manager, Avaya Presence Manager.**Education**

Postgraduate diploma CDAC (Centre for Development of Advanced Computing, Pune) from CDAC Karad institute
B.Tech CS (Bachelor of Technology Computer Science) in the year 2005 from Institute of integral technology (Affiliated to U.P.T.U University), Lucknow U.P. India