

PRASUNE JOHN

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FVTG

SKILL SUMMARY

Design Skills	<i>Micro Services Design patterns, Java/J2EE Design patterns, Design documents on confluence, Microsoft Visio, Star UML, Oracle Jdeveloper</i>
Core Java	<i>Collection, Multithreading, RMI, Reflection, java mail, java timer</i>
J2EE	<i>SOA, EJB, EJB Timer Service, JPA, JMS, JNDI, JAXB, Servlet, JSP, Filters, JSF, JMX basics.</i>
Microservice/Cloud	<i>OCI (Oracle cloud Infrastructure), Spring-Boot, Dropwizard, JAX-RS Jersey, API first development (swagger), Event Driven Architecture</i>
Third party Java frameworks	<i>Hibernate, Spring-Core, JDBI, Struts, Junit, JMockit, Mockito, RestAssured, Jedis</i>
Messaging	<i>Kafka, Websphere MQ series, Tibco MOM, OCI streaming service</i>
Big Data	<i>HDFS, Hadoop</i>
RDBMS/Tools	<i>SQL/ PLSQL, OCI ATP (Autonomous Transaction Processing), Oracle RDBMS, MS-SQL 2008, Sybase, Toad, Squirrel SQL client, SQL Developer.</i>
NO SQL/Tools	<i>Oracle Kiev, Redis, MongoDB, Cassandra, Elastic Search Basics</i>
J2EE Servers & Web Servers	<i>Websphere application server, Weblogic application server, Oracle application server, JBoss application server, Apache Tomcat 5.x/6.x, Jetty, Netty</i>
UI	<i>HTML, Javascript, JSP</i>
CI/TDD Tools	<i>GIT, Maven, Gradle, Jenkins, Hudson, Sonar, Cobertura</i>
BPM	<i>Amdocs custom BPM, Jboss BPM</i>

EDUCATIONAL PROFILE

JAVA/JEE CERTIFICATIONS:

- Completed **Sun Certified Enterprise Architect (now Oracle Certified Master Java Enterprise Architect) for Java EE 5 Exam** in January 2011.
 - **Part-1 scored 96% for online assessment** in June 2010
 - **Part-2 Project** for system design for given customer use case.
 - **Part-3 Essay exam** which analyze and questions the approaches taken in Part-2.
- Scored **94% in Sun Certified Web Component Developer Java EE Platform 5 Exam** in April 2009.
- Scored **85% in Sun Certified Business Component Developer Java EE Platform 5 Exam** in October 2008.
- Scored **90% in Sun Certified Java Programmer Java 1.4 Exam** in December 2007.

CLOUD CERTIFICATIONS:

- Scored **78% in Oracle Cloud Infrastructure Foundations 2020 Associate** Exam in August 2020.

PROFESSIONAL QUALIFICATION:

- Scored **8.39 c.g.p.a in B-Tech (Honors) Mechanical Engineering** from **National Institute of Technology, Jamshedpur**.

EDUCATIONAL QUALIFICATION:

- Scored **87.4%** in Class 12th from Jawahar Navodaya Vidyalaya, Kottayam, Kerala under C.B.S.E
- Scored **88.4%** in Class 10th from Jawahar Navodaya Vidyalaya, Kottayam, Kerala under C.B.S.E

HONORS AND AWARDS

- Won 'IFS shining star' award from Sapient for best performance at State Street account level.
- Won 'Spot on Award' from Amdocs for best performance in ASLM project.
- Rewarded 250\$ at Oracle for stabilizing the highly unstable blackouts module in Oracle Enterprise Manager 12 C immediately after joining.
- Rewarded 100\$ spot bonus as one of top performer in Oracle Enterprise Manager 13 C

WORK EXPERIENCE SUMMARY

Prasune John has 15+ years of vast experience in Java/J2EE, Microservices, SQL/PLSQL and is a technical lead of 10 member scum team at Wells Fargo.

He has designed and proposed innovative solutions and frameworks in most of the projects worked on and implemented them to the project's benefit. He has worked on domains such as Trade Risk Management, Retail Banking, Cloud Management/Monitoring.

He also writes blogs related to Java/J2ee/Microservices and finance - <http://prasunejohn.blogspot.com>

PROJECTS UNDERTAKEN

Wells Fargo, 09 March 2012 till present

Corporate Title: Vice President

Role: Technical Lead

Designation: Software Sr Engineer

Project: Wells Fargo Internet Banking - Transfer and Pay – Bill Payment module

- Technical lead for Transfer And Pay BillPay module scrum team with 10 members.
- Designed and lead the migration of account disclosures to external content management server for BillPay module.
- Leading the microservice adaptation of BillPay service experience API from current monolithic transfer and pay application with offshore scrum teams.
- Introduced and Implemented API first microservice strategy for BillPay service experience API and introduced guidelines and samples with reference model.
- Implemented annotation based generic validation framework that works on generated code from Open API specification and provides out of the box validation for generic javax validation annotations.
- Added support for custom validation annotations in the code generated from open API specification and enhanced generic validation framework to provide out of the box support for custom validations.
- Implemented reference model for microservice project migration to jersey based technical stack to guide other team members.
- Setup BDD framework with reference feature file for guiding other team members on the REST API based BDD implementation.
- Provided Event Driven Architecture presentation to other team members.
- Explored and added documentation for development related processes, build/deploy and local environment setup related guidelines.

Technologies involved: Java, Micro Services, API first development with Open API Specification, REST API, Spring Boot, JAX-RS Jersey, SOA Webservice client, BDD, Cucumber, Splunk, maven, confluence design documents.

Oracle Corporation, 19 March 2012 to 05 March 2021

Role Name: Consulting Member Technical Staff

Project: Oracle Cloud Infrastructure (OCI) Management Agent Cloud Services (MACS)

- OCI is the next gen cloud offering of Oracle competing with AWS, Azure, Google Cloud etc and MACS is a cloud service provided for enabling on-premise data collection of entities like database to provide various services to the cloud customers like log analytics, data safe, database monitoring, autonomous java etc
- Designed and developed the MACS OCI cloud service from scratch
- Designed and developed on-premise data collector facing REST API requirements for MACS
- Designed and developed customer facing REST API requirements for MACS
- Designed and implemented MACS life cycle notifications module by integrating with OCI streaming service using Transactional Outbox and Polling Publisher patterns.
- Designed and developed heartbeat and availability module for monitoring on-premise data collector agents
- Designed and implemented module for tracking and closing agent events.
- Migrated MACS from OCI NO SQL KaaS (Kiev as a Service) to OCI ATP (Autonomous Transaction Processing) database with dropwizard JDBI

Technologies involved: Java, Micro Services, REST API, API first development with Open API Specification, JDBI, Dropwizard, Spring Boot, OCI Streaming Service (Kafka), OCI NO SQL Kiev as a service, OCI Telemetry, grafana, OCI ATP, lombok, maven, Terraform, docker, confluence design documents, runbooks.

Project: Oracle Management Cloud (OMC) - Enterprise Manager - Cloud Platform Data Model

- Works on Platform Data Model micro service in Oracle Management Cloud (OMC). OMC is an integrated monitoring, management and analytics solutions delivered as a service on Oracle Cloud.
- Responsibilities include writing Functional and Design specifications, Design Review, coding, code review, estimation, mentoring junior members.
- Architected, Implemented Maintenance window module for Oracle Managed Cloud (for managing planned down time)
- Delivered the confluence page for Maintenance Window module with the design and integration support.
- Integrated Maintenance Window module with other micro services using REST APIs and Kafka messages. The UI for the feature also makes use of the same REST APIs.
- Designed and implemented data model framework for converting on premise data into cloud data format so that on premise customers can make use of cloud analytics solutions.
- Designed and implemented framework for inline notification message generation framework for better performance and consistency.

Technologies involved: Micro Services, Rest APIs (JAX-RS), Kafka, HDFS, Hadoop, Core Java, JPA, EJB Timer, Session Bean, JMockit, SQL, PL/SQL, git, gradle, Jenkins, Microsoft Visio, UML

Project: Oracle Enterprise Manager (EM) 12C/13C

- Architected, Implemented and stabilized Next generation Blackouts module of EM 13 C.
- Delivered Functional Specification and Design specification for 13C Blackouts based on customer use cases and feedbacks on previous version. This was appreciated by customers in the oracle open world feedback.
- Integrated various modules of Oracle Enterprise Manager 13 C with Next generation Blackouts and participated in the impact analysis discussion on various modules.
- Taken over the additional responsibility of managing UI enhancements post development.
- Rewarded 250\$ for stabilizing 12C version blackouts module immediately after joining.

Technologies involved: Core Java, JDBC, SQL, PL/SQL, UML, Microsoft Visio, Oracle Jdeveloper

Sapient Corporation, 27 September 2010 to 16 March 2012

Role Name: Senior Associate, Platform L1

Project: Share Holder Services

Client: International Fund Services (A State Street Company)

- Responsibilities included writing/reviewing user acceptance criteria, Design, Design Review, coding, code review, estimation, Functional Testing.
- Participated and contributed in the discussion for creating new proposal for the client that generated new work and in the discussion for creating use cases and breaking down use cases further into stories and estimation.
- Presented design/code implementation to the client in review sessions and got appreciation from client for the same.
- Presented company level session on Trade Risk Management basics and math.
- Re-wrote the complex logic for handling full redemption/full exchange/minimum fund holdings that was previously giving recurring issues. No issues were reported after this remodeling.
- Led the development of new module Transaction Single View in the Streamlining project and played crucial role in estimation and reviewing/correcting user acceptance criteria.

Technologies involved: Swing, Spring DI, Spring AOP, Spring-JDBC, JUnit, SQL, PL/SQL, Mockito, Jprofiler. Hudson, Maven, Nexus, Cobertura, Jprofile

Triple Point Technology (I) Pvt. Ltd., 30 November 2009 to 24 September 2010

Role Name: Senior Software Engineer

Project: Product Development (TRM)

- Worked on Core Application group for software product CXL 6.0/7.0 versions for commodities.
- Presented and developed a BPM based prototype of MTM PL valuation module to the higher management citing how it could simplify the complex work flows in MTM PL valuation.
- Handled the 6.0.11 release in the absence of team lead.
- Done enhancement on the functionality of financial basis swap for showing MTM P/L against each quote in order to handle MTM P/L for partially realized prices.
- Implemented Service Locator design pattern to solve memory issues and for better performance during JNDI lookups.

Technologies involved: Spring, JMS, EJB, Multithreading, Servlet, Reflection, WebService, SQL (oracle/MS-SQL), JBoss BPM, Jprofiler, Weblogic Application server, Tibco MOM.

Amdocs Development Centre India Pvt. Ltd., 14 April 2008 to 25 November 2009

Role Name: Senior Subject Matter Expert

Project: Product Development (Telecom billing product - Amdocs Service Order Management)

- Presented, designed and developed a new generic framework for handling all inbound request/response from external Interfaces for Service Activation by just indicating config data. Previously separate enhancement request with lot of code changes and testing was required for handling each service activation request.
- The framework was based on JMS, JAXB, spring and Reflection and the prototype was developed in a single day to gain management's faith to proceed.
- Design patterns used in this framework are singleton, flyweight, factory, template patterns.
- Currently this framework is adapted by three major interfaces of Rogers.

Technologies involved: Spring, EJB, JMS, JUnit, Multithreading, JAXB, Reflection, DOM, SQL, UML, Oracle Jdeveloper, HLD, DLD

Role Name: Senior Subject Matter Expert

Project: Product Development (Amdocs Software Life Cycle Manager)

- Designed and developed a 'Report Scheduler framework' for scheduling various types of excel sheet reports to specified mail ids from UI. The framework was also able to withstand server crashes and schedulers can be controlled from UI.
- Done POC to show advantages of using JPA.
- Done presentations on different technical architectures being used in the product.
- Got 'Spot On' award inside 6 months in project.
- Designed Automatic form field creation framework for users to have own custom field in the application.

Technologies involved: Servlet, JSP, Tag libraries, java mail API, JPA, Hibernate, JMS, XML, ANT, Junit, UML, Oracle Jdeveloper, HLD, DLD

Oracle Financial Services (formerly I-flex Solutions Ltd.), 17 July 2006 to 11 April 2008

Role Name: Associate Consultant

Type of Project: Product Development (Flexcube – Retail Banking (Payments))

- Was acting Team Lead for BDI FLEXCUBE connect team for Payments module.
- Made Design specification(DS) for SWIFT international payments
- Developed business APIs for Payment transactions using hibernate.

- Worked for middleware product of banking software named FLEXCUBE CONNECT which provides J2EE components for integrating Flexcube applications.
- Developed a batch processing framework that uses EJB Timer for initiating the processing and uses JMS for asynchronous processing with multiple threads.
- Added support in rule engine to invoke EJB methods based on xml rules.
- Developed webservice for SWIFT APIs to communicate with flexcube corporate module and provided webservice client for accessing webservice from flexcube corporate.
- Gave training on webservice to team members.

Technologies involved: Hibernate, WebService, Reflection, Servlet, EJB, EJB timer service, Multithreading, Websphere MQ, MDB, JMS, Resource adapter, XML, SQL, PL/SQL, UML, IBM Rational XDE, Smart UML