**Debapriya Patra**

Ph: (650) 933 6852

Email:[**debapriya.patra@gmail.com**](mailto:debapriya.patra@gmail.com)

**Linkedin: https://www.linkedin.com/in/debapriyapatra/**

**Summary:**

* Around **11+** years of experience in analysis, design and development of web based, multi-tier, high scalable, high available, distributed applications in JAVA/J2EE Platform & Banking domain
* Strong expertise in Spring, , Hibernate, Websevices, XML, JSON
* Strong experience in designing applications using OOAD concepts, UML and Java GOF Design Patterns
* Expertise in using Hibernate and JPA as an Object-Relational Mapping (ORM) tool to model data persistence with RDBMS
* Expertise in PL/SQL programming, stored procedures, functions and triggers on RDBMS like Oracle, My SQL
* Strong experience in creating and consuming RESTFul webservices using Jersey, SOAP webservices using JAX WS, Axis 2 and RestEASY.
* Experience in deploying code in BEA Web logic, JBoss and Apache Tomcat servers
* Extensively used Apache Log4j for logging and Ant & Maven for building the applications
* Performed Functional, Integration and Unit Testing using JUnit , TestNG and SOAP UI
* Experience in Agile(Scrum), Waterfall and Iterative methods for software development
* Ability to quickly learn and develop expertise in highly complex existing applications and architectures
* Experience in requirement discussions with BA, creating technical design and designing integration modules
* Experience working with cross functional teams.
* As a lead managed technical team and demonstrated ability to handle multiple tasks
* Good team player with excellent analytical , communication , Interpersonal and team management skills.
* Provided solutions to technical issues faced by onshore and offshore teams during development phase
* Enthusiast to work on Angular JS and NoSQL db like MongoDB, Apache Casandra, Dockers, AI.

**Education:**

Master In Computer Application from Silicon School Of Information Technology, Bhubaneswar

**Immigration Status:**

Green Card(PR)

**Experience:**

**Digital Insight, RedwoodCity, CA Dec 2015 – Till Date**

**Role: Development Lead**

**Business Banking Payments -** Business Banking Payments is part of the Business Banking project we can tell this as a client for the core system where FI/User can create ACH/WIRE/International WIRE payments based on the defined entitlements/limits and process those payments for the business with the respective ACH/WIRE vendor. Highlights of the features are:

* Wire and ACH templates
* Domestic and international wires
* NACHA file pass-through
* NACHA and CSV ACH file import
* ACH/WIRE pre-funding
* Recurring ACH and wire payments
* Tax template creation and maintenance

**Job Responsibilities:**

* Understand the tech stories and do the technical deisgn document and code construction with unit testing.
* Provided enhancement ideas for the product.
* Implement persistence layer with EclipseLInk and JPA ORM frameworks
* Creatds service layer using Spring IOC
* Worked on updating deploy recipe to handle downgrade and rollback from Jekins.
* Written rest webservices using resteasy.
* Developed the Tax Addenda workflow for the FIAdmin to use to to create Tax Addenda Templates.
* Worked on building most of major components like limit check component, wire file creation service.
* Written web service to send payments details to File creation service to create the ACH file for the FI.
* Written service layer to copy/move files to FI folders using MoveIT client API.
* Worked on File Creation Service to handle real time ACH request to creat ACH files.
* Conduct code review sessions.
* Implement application logging using Log4j framework
* Write JUnit classes for unit testing functionalities using TectNG and SOAP UI for integration messages.
* Marshalling/unmarshalling messages exchanged between integration systems.
* Worked with care/support for the prodution issues.

**Digital Insight, RedwoodCity, CA May 2015 – Dec 2015**

**Role: Development Lead**

**BB Core & Entitlement:** Business Banking offers customers a seamless, personalized experience in the office, on the road, or at the branch – all on the same platform as consumer banking. Our Business Banking Solutions are designed on the unique needs of businesses to empower you to compete and win business banking relationships with the right set of financial tools – web, mobile and tablet. Business Banking Product is designed for businesses from the ground up:

Providing one segmented platform, differentiated customer experiences and future omni-channel integration.

Easily administer a differentiated experience that is intuitive for the business customer and designed especially for businesses.

**Job Responsibilities:**

* Actively involved on preliminary discussion with the product manager and project manager for the new requirements or any kind of POC which needs to be done.
* Involved on creating design draft versions for the team before we get into the Sprint zero where we finalize the design based on the final requirement.
* Written micro services using spring boot for major use cases in the entitlement system.
* Written a service layer which was used to filter response and customized accordingly for the UI to consume it.
* Written RabbitMQ integration component for the complex cascade delete feature for the project.
* Written Micro Services to keep the snapshot for all the major transactions happened by the user before updating or deleting in our system.
* Integrated Swagger2(Springfox) for micro services documentation.
* Participated on core development on all the sprints and unit/integration testing as well.
* As a core team member, I was involved on the code review process where we used Crucible as one of the code review tool for the team. Apart from that P4 was one of the tool where we do code review as well.
* Conduct Tech-Training with E2E team for the release feature on every quarter.
* Created release versions and involved in rollback and roll-forward testing as part of the release readiness activity.
* Apart from the development process, I was driving the deployment process with the DevOps team and DBA.
* Involved in all kinds of production support for any kind of issues came as an incident in production.

**Intuit, Menlopark, CA Feb 2013 – June 2014**

**Role: Development Lead**

**FMIS** – Financial Management Integrated Service(FMIS) applications for Intuit Financial Service (IFS), which allows users of Financial institutions to access different applications through Single Sign On(SSO) technology. It was a migration project which was initially developed in C++ and was getting migrated using cross cutting technologies like Spring, Hibernate, SAML etc.

There are two different flavors of the SSO which was offered to FI’s through this applicaiton. 1)SSO with standard hand-shake mechanism by sharing the private and public keys between the TPV and FMIS. 2) SSO through SAML standard for exchanging authentication and authorization data between security domains. Ping Fed was the identity provider used for SAML SSO.

**Job Responsibilities:**

* Actively involved in business requirements discussion, preparing work estimates working with the team and product manager, preparing technical deisgn document, code construction and unit testing.
* As it’s a migration project so I was going through the C++ code and developing different core components, which was the framework code for this project.
* Was working as performance test engineer in this project apart from the development work.
* Create service layer and transaction management using Spring framework
* Wirtten custom request structures for different FI using Free Marker Template.
* Written custom exception handling framework for the project.
* Implement application logging using Log4j framework
* Code Coverage done with Clover- PMD, Find Bug, Checkstyle etc.
* Deploy application using Jenkins.
* Write JUnit classes for unit testing functionalitie.
* Involved in L3 support for any kind of issues in production.
* Write JUnit classes for unit testing functionalities and SOAP UI for integration messages.
* Marshalling/unmarshalling messages exchanged between integration systems
* Interacting with Onshore & Offshore teams

**Additional details:**

**Primary Employment:**

At Present, **Technical Architect** in Cognizant Technology Solutions USA, from Feb 2013 till date

**Tech Lead** in Cognizant Technology Solutions India from Dec 2009 till Feb 2013

**Senior System Engineer** in NIIT Technology Solutions India from Mar 2006 till Dec 2009.

**Technical Skills:**

Programming Languages: Java/J2EE, JDBC, PL/SQL

Scripting Languages: Python, Free Marker Template

Frameworks: Spring, Struts, Hibernate, Jersey, Camel

Logging: Log4j, Apache Commons Logging

Web Services: RESTFul web services, SOAP web services, AXIS , JAX WS, JAX RS, Jersey, WSDL

MicroService: Spring Boot

RDBMS: Oracle, MySQL.

Messaging services JMS, webspehre MQ

App Servers: Apache Tomcat 6.0, JBoss4.X.

Web Servers: Apache HTTP 2.0

Version Control: Perforce, SVN, GitLab

S/W Dev Methodologies: Agile(Scrum), Waterfall, Iterative

IDE: Eclipse, Net Beans, SQL developer, PyCharm, STS, RAD, StarUML.

Operating Systems: Windows, unix, Linux

Design Patterns: Java and J2EE design patterns

Rule Engine: Corticon Rule Engine , Drools

Test tools: JUnit, SOAP UI, TestNG, Mockito, PowerMock, Clover

WebService Documentation: Swagger2(Springfox)

Code Analysis Tool: Contrast Security, Whitehat, White Source, Sonar Qube.