**SAIKAT KUNDU**

**Senior Software Analyst**

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## Experience Summary

I have **10 years** of experience in requirement analysis, design, architecture, development, implementation, integration and team management. I have extensively worked on **Core Java** and different **J2EE** frameworks (**spring, spring-Batch, spring Rest Template, Hibernate, struts)** application servers (**Web-Logic, Web-sphere, etc),** web server **(Tomcat, spring-boot),** JS framework **(AngularJS1)** and **(Restful and SOAP)** web services. In my currently working as a Full Stack Developer with **AWS** using **EC2, S3, SNS, CFT, RDS, Step Function, Cloud Alarm, ECS, Cloud Watch, Route53 and Lambda services.**

I have a good understanding of object oriented concepts and design. I have experience in leading technically projects in terms of planning development process, distributing works, mentoring developers, doing high and low level design, code review and code integration.

I am in **H1B** visa and looking for new opportunity with sponsorship.

**Educational Qualification**

* **(MCA) Masters in Computer Applications, West Bengal University of Technology(2007), West Bengal, India**
* **Bachelor of Science in Physics (B.Sc), Calcutta University (2004), India.**
* **Technical Skills:**

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| --- | --- |
| **Frameworks** | **Spring, spring-Batch, Struts, Hibernate** 3.0, **JSF**, **Angular**. |
| **ORM Tools** | **Postgres, MySQL, Toad, SQL Developer** and mongodb. |
| **Design Patterns** | **MVC, Singleton, Abstract Factory, Factory, Facade patterns**. |
| **Web Technologies** | **JSP, JSF, Servlets, Struts, spring, spring Rest Template, Web Services (SOAP, REST), EJB, JAXB, JAX-RS, JPA, XML, XSD, JQuery** |
| **IDE TOOLS** | **Intellij,Eclipse,** Net Beans and **STS (spring Tool Suite)** |
| **Web/Application Servers** | **Spring-Boot, Tomcat 7.x**, WebLogic11, web sphere, Carte server and **JBoss**. |
| **Testing/Build/Version Tools** | **Gradle**, **SVN**, **GIT**, **Clear Quest, Maven,WINCVS, StarTeam, Log4j**, **SpringBoot**, **Spoon**, **Drools**, **Jenkins, TeamCity, Chef,FileZilla, Version One**,**Jira**, **Mockito,Postmaster** and **Junit**. |
| **Languages/Scripting** | **Core Java, Node.js, JavaScript, html, JQuery, CSS, PL/SQL, UNIX.** |
| **Operating Systems** | Windows XP/2000/98/95, Solaris and LINUX. |
| **Databases** | **Oracle**, **SQLServer11g**, DB2, **MongoDB**, **Postgres**and **MySQL**. |
| **SDLC Methodologies** | **Agile** and Waterfall |
| **Modeling Tools** | Visual Paradigm |

# Professional Experience:

## North America Cognizant

## Client – Capital One, Richmond VA November April’17-till now

**Senior Java Developer**

**Project: Spark plug**

**Environment: Git , Maven, Java 8, Spring Boot, AWS (EC2, lambda, S3, SNS, RDS, Step Function, CFT, Cloud Watch, Route53, ECS), Jenkins, Chef, Docker,Cucumber, Junit, Mockito, IntelliJ, Kafka,Spring-Batch,Splunk, Rest API, Postgres, postmaster, UNIX and micro services.**

**Details:** BAP is a business process monitoring tool to validate the collection customer paying options and provide the details to upstream with application daily and maintain the business data of card collection.

**Responsibilities:**

* Developing and maintaining new APIs implementing for collection customer information, enrollment, and eligibility with Capital One collection websites.
* Writing Unit test for each services implementing Mockito.
* Writing ATDD test for each services implementing Cucumber.
* Fixing Sonar issues to maintain coding to standard.
* Implementing AWS cloud services in deployment and building infrastructure pipeline.
* Creating EC2 instance of each rest services and deployed in different environments.
* Deploy EC2 instance in ECS cluster through docker from private dockeryard.
* Implementing spring rest Template to develop rest services.
* Implementing spring Batch for transfer data from master to tools database.
* Involved in technical problems relating to API application by identification and fixing bugs.
* Implementing Swagger to document automation for rest services.
* Work with business subject matter experts (SMEs) to incorporate their requirements into applications.
* Translate business requirements into structured systems design using appropriate design methodologies.
* Implementing Postman to test rest calls from different API services..
* Implementing Route 53 to balance the traffic on different region.
* Creating Technical Specification Documents (TSDs).
* Daily updates call for offshore team with technical direction following **agile** methodology.
* Implementing Micro services architecture with Spring Boot.
* Images and assets are stored in **S3** Amazon object storage service.
* Implementing Lambda function to execute post grey database operation.
* Lambda code written in node.js and java.
* Post Grey database are managed in **RDS** service in AWS.
* **Chef** is implemented to control business process over the application.
* **Jenkins 2.0** implemented to maintain CI/CD process.
* Creating ECS cluster for different environment through Cloud Formation.
* Creating Docker image and push into Dockyard through Jenkins jobs.
* Creating containers inside the ECS cluster and deploy docker images environment specific EC2 instance from Docker yard through task definition.
* Creating task definition to create the container in ECS Cluster and execute the task.
* Creating Cloud Watch Rule to execute task definition.
* Creating lambda function to trigger the Cloud Watch rule.

## Client – Monsanto, St Louis (USA) November 2016– April’17

**Senior Java Developer**

**Project: Barter (Development)**

**Environment: GIT, Maven, Tomcat, Java1.8, Spring Boot, RESTAPI, Mongodb, Jenkins, UNIX and Node.js, Mockito, Angular JS1 and AWS.**

**Details:** Barter is an application which provides a set of services for traders and growers. The main objective of this application is works as interface between grower and trader. It also maintains relation between broker, PMO, audit, grains delivery and billing.

**Responsibilities:**

* Maintaining Code versions & branching using GIT.
* Work with business subject matter experts (SMEs) to incorporate their requirements into applications.
* Translate business requirements into structured systems design using appropriate design methodologies.
* Application services and resources are developed in restful web services.
* Creating JDBC template to connect the database.
* Angular JS is implemented to develop UI layer.
* Implementing Maven to build the application in local .
* Creating Technical Specification Documents (TSDs).
* Daily updates call for offshore team with technical direction following agile methodology.
* Application deployed in Linux Red Hat on EC2 in AWS.
* Implementing Micro services architecture with Spring Boot.
* Images and assets are stored in S3 Amazon object storage service.
* Mongo db data managed by Dynamo db service.
* Application sessions are managed in Elastic Cache.
* MySQL data are managed in RDS service in AWS.
* IAM (Identity Access Management) and Cloud Watch implemented to support AWS service.

**Client – Express Script, St Louis (USA) June 2016 – November 2016**

**Senior Java Developer**

**Project: Invention Router**

**Environment: GIT, Maven, Tomcat, Java 1.7, spring, AngularJS1, REST, JUnit, Oracle, Jenkins, UNIX and AWS, STS.**

**Details:** Intervention Router is a system which provides a set of services for distribution and usage of medical insurance campaign. The main objective of the IR is to expose key functionality to insurance companies and health institution serve the Drug Campaign report.

**Responsibilities:**

* Work with shared services teams including Application Architecture to define solutions.
* Sprint planning with client and distributing task over team as onsite coordinator.
* Using Gradle for local build.
* In a Java environment, develop backend REST web services which query databases and consume client data.
* Writing and reviewing Integration test case with Project owner.
* Deploying EC2 instance in AWS.
* Creating micro services and deployed in STS.
* Using Jenkins for continues Integration between all environments.
* Develop api resources and service, Dao Interfaces in REST web services.
* Using Spring JTA template to connect Mongo DB.
* Writing SQL query to implement the business logic.
* AngularJS is implemented to develop UI layer.
* We are using JUnit and Mockito for unit testing.
* Creating Technical Specification Documents (TSDs).
* Maintaining Code versions & branching using GIT.
* Fixing production issues in Dev and QA environment.
* Writing and reviewing Integration test case.
* Sprint planning with client and distributing task over team as onsite coordinator.

**Mind tree USA**

**Client – CATALINA MARKETING, St Petersburg, Florida (USA) Feb 2015 – June 2016**

**Java Lead Developer**

**Project: MEDIA-GATEWAY (Development)**

**Environment: GIT, JBoss, Java7, spring, JSP, REST-API, SOAP, Jersey, Rabbit MQ, Mockito, Team City, Jenkins, Version One, UNIX and Eclipse.**

**Details:** Media Gateway is a system which provides a set of services for distribution and usage of offer content. The main objective of the Media Gateway is to expose key functionality to partners and allow them to better serve the needs of our end consumers.

**Responsibilities:**

* Generate project skeleton using Gradle artifact.
* Involved in project designing activity.
* Develop Restful web services using Jersey.
* Creating template to connect the database.
* Writing SQL query to implement the business logic.
* AngularJS framework implemented to develop UI layer.
* Implementing Junit and Mockito for unit testing.
* Creating Technical Specification Documents (TSDs).
* Maintaining Code versions & branching using GIT
* Fixing issues in Dev and QA environment.
* Writing and reviewing Integration test case with Project owner.
* Sprint planning with client and distributing task over team as onsite coordinator.
* Coordinating daily updates calls for offshore team with technical direction and mentoring team members.

**Dell (Bangalore, India)**

**Client - Experian, Costa Mesa (USA)**

**March 2013 – 6th Feb’2015**

**Java lead**

**Project: Permission (Development)**

**Environment: Maven, GIT, Toad, spring, DB2, JBoss, Java 1.6, spoon, dozer, drools, Mongo, Kettle,**

**Soap, REST Web services, Jenkins, jQuery and eclipse**.

**Details**: **EXPERIAN** is a powerful enterprise-wide core administrative technology solution that provides a secure, robust, and flexible environment so that credit bureau organizations can manage information in real time. It is an agile project.

**Responsibilities**

* Generate project skeleton using Maven archetype.
* Develop api resources and service, Dao Interfaces.
* Develop Restful web services using Jersey and consuming and producing SOAP web services through Apache axis2.
* Creating Data Source for Mongo, DB2 and MySQL database in different Dao classes and integrate with spring Template.
* Writing SQL query to implement the business logic.
* Creating JSF to develop UI layer.
* We executed unit testing through Junit.
* Maintaining Code versions using SVN
* Fixing issues in Dev and QA environment.
* Validating the data object through Drools.
* Daily stand up call with onshore technical team.
* Deploying war file in UNIX environment.

**Dell (Bangalore, India)**

**Client - Kaiser, Texas (USA)**

**April 2011 – March 2013**

**Java lead**

**Project: XCELYS**

**Environment: JSF, Oracle 11g, JBoss, Core Java, XML, XSD, SOA, EJB, JQuery, ESB, SOAP Web services and eclipse.**

**Details: XCELYS** enables health plan organization to collect, process, exchange, organize, and retrieve important member, provider, authorization, capitation, billing, and claims data, ranging from member eligibility to provider contract demographics and claims experience.

**Responsibilities:**

* Producing SOAP web services through Apache axis2.
* Creating mapping file and hibernate configuration and integrating Struts framework.
* JSP and Struts framework to implement to developed UI layer.
* Maintaining Code versions using SVN.
* Fixing issues in Dev and QA environment.
* Daily stand up call with onshore technical team.
* Writing Unit test case and execute.

**Mindtree, India (Bangalore)**

**Client - Procter &Gamble, USA**

**October 2009 – April 2011**

**Module Lead**

**Project: P&G (Enhancement and Production Support)**

**Environment: JSP, Struts, spring, Oracle 10g, Tomcat, Apache 2, hibernate and eclipse.**

**Details:** This project intended to develop a new portal for P&G brands make every day just a little better for billions of consumers around the world. It is a web based software application where user reviews, login, product information everything is available.

**Responsibilities:**

* Interacting with client during Transition and M&O phase and requirement gathering.
* Developing Female and Fabricate products portals.
* Developing Unit-Test Cases.
* Deploying codes in staging and production environments.
* Database handling in staging.
* Fixing staging and production issues.
* Leading bounce and gain module.
* Preparing module development estimation.

**Zensar Technologies (Pune), India**

**March 2007 – Jan 2009**

**Client – Investec Bank, SA**

**Java Developer**

**Project: RADAR (CRM Application)**

**Environment: JSP, Hibernate, Oracle 9i and spring.**

**Details:** The Discovery Account Configuration Project is a system that will have administration screens to maintain accounts and transaction information and manage the configuration of the Accounts.

**Responsibilities:**

* Coding for module BASEL.
* Interacting with Client during requirement analysis.
* Preparing SRS.
* Preparing UML Diagrams.
* Developed Auto saved module
* Preparation of Use Cases, Unit Test Plans and execution of UTC.
* Coding for module Account Category.
* Execution of the prepared Unit-Test Cases.
* Interacting with Client during requirement analysis.
* Preparing TRS.
* POC on hibernate framework.