**Goutami Amara**

**Role: Java Full stack Developer**

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**Professional Summary:**

* 10+ years of experience in Object Oriented programming, design, developing, maintaining data-centric applications and testing of Client/Server, Enterprise, and Web Applications.
* Experience involving in all stages of Software Development Life Cycle (SDLC) as well as working in an Agile Methodologies based development environment, participating in sprint/iterations and SCRUM meetings.
* Extensive experience on OOPS, OOAD, Flow charting processes, Object oriented design with UML methodologies (Use Cases, Class Diagrams, Sequence Diagrams, Deployment Diagrams, and activation diagrams).
* Proficient in writing Java API for Amazon Lambda to manage some of the AWS services.
* Proficient in Java and various data-related technologies, including data modelling, ETL processes, data warehousing, and database management.
* Hands on experience with an in-depth level of understanding in the strategy and practical implementation of AWS cloud-specific technologies like Elastic Compute Cloud (EC2), Simple Storage Services (S3), Lambda, IAM, Route 53, CloudFormation, Elastic IPs, RDS and CloudWatch.
* Experience in designing and configuring secure Virtual Private Cloud (VPC) through private and public networks in AWS and create various subnets, routing table, internet gateways for servers.
* Experience working on Web Page Development using HTML, DHTML, JavaScript, Angular JS, RIA, XML, XSLT, XSD, DTD and CSS.
* Experience in developing Web Applications with various frameworks: Spring 4, Hibernate 3.0 ORM, Apache Camel and Struts Validation.
* Hands on experience with Ajax related technologies and jQuery API to develop rich and interactive web applications.
* Seasoned professional in various frameworks like: Struts, Hibernate 3.0s, Spring 4.0, and JSF.
* Expertise in designing, developing, and deploying applications using Java/J2EE technologies including Servlets, JSP, EJB, JSTL, Struts, Spring, Spring Boot, JSF, JMS, AJAX, JDBC, JNDI, GWT Java Beans and Hibernate.
* Experience with Spring Boot, Spring Rest template to develop application-level Microservices.
* Strong experience in developing, designing of Ajax driven elegant enterprise web application using Ajax, Flex, Action Script and JavaScript, CSS, HTML, Custom Tag Libraries, JSF, jQuery, Dojo, Ext JS, Backbone.js.
* Expertise in advanced JavaScript libraries and frameworks such as Prototype, Ext JS, Angular JS, Angular 2/4/6/7, ReactJS, NodeJS and Object-Oriented Programming in JS.
* Extensive knowledge on databases like Oracle, DB2 and MySQL.
* Experience in implementing Java Design Patterns such as MVC, Front Controller, Session Facade, Singleton, DTO, DAO, and Business Delegate.
* Extensive experience in SOA (Service Oriented Architecture) and experience in developing web services using Axis, WSDL, SOAP, REST, UDDI, WS Security, XML-RPC and JAXB/JAXP.
* Good experience on JPA Hibernate and Spring to perform CRUD operation with MySQL and Oracle.
* Expertise in implementing Web Services based on Service Oriented Architecture using SOAP and Restful Webservices.
* Extensive experience working in Spring 3.0-4.0 framework, Struts framework, O/R Mapping Hibernate 3.x framework and Webservices (SOAP and RESTful)
* Good experience with Application Servers like IBM WebSphere, Oracle/BEA WebLogic, JBoss, and Tomcat.
* Experience writing SQL queries in PL/SQL, Triggers, and Stored Procedures in Relational Database management systems like Oracle 9i/10g/11g, SQL Server 2005/2008, DB2 and MySQL.
* Good working knowledge of database tools like TOAD, PL/SQL, Db Visualizer and SQL Navigator.
* Good experience in designing J2EE Applications using OOAD, UML, Rational Rose Methodologies.
* Experience in developing ANT scripts and used MAVEN tool to build and deploy J2EE Applications.
* Good understanding of NoSQL Databases and hands on experience working on Cassandra and MongoDB.
* Hands on experience in understanding of existing systems, maintenance and production support, on technologies such as Java, J2EE, Hibernate, Spring and Hybris.
* Strong experience in development of web components using JSP, Servlets and server-side components using EJB 3.0 under J2EE Environment.
* Good experience in testing JavaScript structures utilizing Mocha and Chai, Jasmine, and Karma.
* Hands on experience in using bug/issue tracking, project tracking and management tool JIRA.
* Experience in developing integration techniques using the Apache Camel and Apache Active MQ technologies.
* Expertise in creating unit tests by using JUnit in test driven development (TDD) approach and logging using Log4J.

**Technical Skills:**

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| **Programming Languages** | C, C++, Java & J2EE. |
| **Frameworks** | Struts, JSF, Spring, Hibernate, iBatis. |
| **Cloud Technologies** | Amazon Web Services (Elastic Compute Cloud (EC2), Simple Storage Services (S3), Lambda, IAM, Route 53, Cloud Formation, Elastic IPs, RDS and CloudWatch). |
| **Webservices** | WSDL, SOAP, AXIS, JAX-WS, REST-Jersey, UDDI, and WS-Security. |
| **Testing Tools** | JUNIT, Mockito, SOAP UI. |
| **XML Technologies** | XML, DTD, XSD, XSLT, JAXP (DOM & SAX) and JAXB. |
| **Web Technologies** | HTML, DHTML, CSS, JavaScript, JSP, JQUERY, DOJO and Taglibs, AngularJS, Angular2/4/6/7, ReactJS, NodeJS. |
| **IDEs** | Eclipse, My Eclipse, Net Beans and RAD. |
| **Version Control Tools** | Git, GitHub, SVN, CVS and IBM Clear Case. |
| **Defect Tracking Tools** | QC, Jira, Rally, Clear Quest. |
| **Servers** | WebSphere, WebLogic, Apache Tomcat & HTTP Server. |
| **Operating Systems** | WIN NT/2000/XP/2003, Unix, DOS and Windows 7. |
| **Databases** | Oracle 9i/10g/11g, DB2, MySQL and SQL Server. |

**Education Details:**

**Professional Experience:**

**Client: Aetna, Connecticut. April 2021 – Present.**

**Role: Sr. Java Full Stack Developer**

**Responsibilities:**

* Used Agile (SCRUM) methodologies for Software Development Lifecycle of the dynamic J2EE project.
* Used various components in Spring, which includes Spring IOC, AOP, Spring MVC, Spring JDBC, Spring JPA, Spring Securities, Spring Batch, Spring Quarts, and Spring Security.
* Used Spring MVC framework for design, development, and implementation of application.
* Designed and developed the UI using Spring view component, JSP, HTML, CSS and JavaScript, AJAX, JSON.
* Developed presentation layer using JSP, HTML5, JavaScript, CSS3, and ReactJS, jQuery, JSTL, and Tag Libraries.
* Designed, developed a custom, single-page, responsive web application on front end framework using ReactJS.
* Involved in using JPA (Java Persistence API) frameworks and APIs such as Hibernate and JDO (Java Data Objects).
* Designed and implemented scalable, secure cloud architecture based on Amazon Web Services.
* Setup and built AWS infrastructure various resources, VPC EC2, S3, IAM, EBS, Security Group, Auto Scaling, and RDS in Cloud Formation JSON templates.
* Implemented automated local user provisioning instances created in AWS cloud.
* Developed the legacy monolithic application and involved in migrating existing monolithic application to Microservice level Architecture based RESTful Service and deployments were done on AWS.
* Created monitors, alarms, and notifications for EC2 hosts using CloudWatch.
* Worked on Restful web services using Node.js and implemented mock services in Node.js with help of modules using Node.js server.
* Integrated Struts application with Spring Framework by configuring Deployment descriptor file and application context file in Spring Framework.
* Implemented service level authentication for API'S using OAUTH token, HMAC.
* Used J2EE design patterns like Front Controller, DAO, MVC, Business Delegate and Session Facade.
* Developed robust form management system with complete CRUD capabilities in React Native and Redux.
* Worked on ReactJS for creating interactive UI's using One-way data flow, Virtual DOM, JSX, React Native concepts.
* Worked in using ReactJS components, Forms, Events, Keys, Router, Animations and Flux concept.
* Implemented ReactJS code to handle cross browser compatibility issues.
* Used React JS to create views to hook up models to the DOM and synchronize data with server as a Single Page Application (SPA).
* Used Spring, Hibernate module as an Object Relational mapping tool for back-end operations over SQL database.
* Used Spring Integration to communicate with different web Services. Involved in build and deployment of microservices with Jenkins. Implemented Inheritance between tables using different hibernate strategies.
* Implemented Product-Retrieval Service as SOAP based service using Apache frameworks.
* Implemented asynchronous messaging services using AMQP such as Rabbit MQ.
* Used JQuery APIs to implement cross-domain calls and handling JSON responses.
* Performed unit testing using JUnit and Mockito aiding Test Driven Development in some scenarios.
* Provided ANT build script for building and deploying the application.
* Developed web services, SOAP message envelopes and headers using WSDL, UDDI, XML and JAXP.
* Involved in server and application configurations and logging using Log4j.

**Environment:** Agile methodology, Java, J2EE, AWS Cloud (VPC EC2, S3, IAM, EBS, Security Group, Auto Scaling, RDS), Spring, Hibernate, ReactJS, Rational Software Architect (RSA) 8.5.5.4, JAWS16.0, EJB, OAuth, Oracle11, Webservices, JavaScript, JSTL, SOAP UI, TOAD, jQuery 1.11, jQuery Data table, jQuery, Ajax, XML, JPA, Log4j and JSON

**Client: State Farm, TX**  **Oct 2019 - April 2021**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Involved in Agile software development lifecycle, which involves designing, coding, testing, debugging and support.
* Designed and deployed AWS Solutions using EC2, S3, EBS, Elastic Load Balancer and Auto Scaling Groups.
* Used Microservice architecture, with Spring Boot-based services interacting through a combination of REST and MQ and leveraging AWS to build, test and deploy micro services.
* Created monitors, alarms, and notifications for EC2 hosts using CloudWatch and storage on S3 buckets.
* Automated the notification system for over 1 million file transfers to S3 using AWS Lambda functions.
* Wrote application-level code to interact with APIs, Web Services using AJAX, JSON, XML, and jQuery.
* Developed user interface by using ReactJS, and Redux for SPA development and implemented client-side Interface using ReactJS.
* Wrote React Code with help of ECMAScript (ES6) and JSX.
* Implemented Virtual DOM for Client-Side view rendering services using ReactJS.
* Used Spring Cloud Configuration which provides server and client-side support for externalized configuration in a distributed system.
* Used Spring Transactions in the application and spring beans to develop Session beans for the business logic.
* Used Spring MVC Framework IOC design pattern to maintain relationships between application components.
* Created and injected Spring services, Spring controllers to achieve dependency injection and to wire objects of business classes.
* Used Hibernate ORM framework as a persistence engine, configure O/R mapping and integrated spring with hibernate for persistence with database.
* Worked on integrating JMS with Spring Boot by providing an instance that is embedded with ActiveMQ.
* Designed and implemented Microservices with Spring Boot to communicate with other modules of the web application and created dynamic documents of RESTful endpoints using Swagger API.
* Worked on Drools Rules Engine for writing Business Rules Validation and externalization of parameters.
* Implemented Web Services with the help of WSDL, SOAP and JAX-WS to get updates from the third parties.
* Created Tables, Stored Procedures, User Defined Functions, Views, and Triggers for different data operation on the database using SQL Server.
* Used Spring Tool Suite IDE to develop and debug the application.
* Used GIT for version repository maintenance.
* Used Maven as build tool and Jenkins for continuous integration development.
* Used Log4j for debugging, testing the application modules and to maintain the status of application.
* Unit tested complex methods and objects using Jasmine.

**Environment:** Java, J2EE, Spring MVC, Spring Boot, Microservices, AWS Cloud (EC2, S3, EBS, Elastic Load Balancer, Lambda, CloudWatch, and Auto Scaling Groups), HTML5, CSS3, JavaScript, jQuery, ReactJS, Redux, NodeJS, Swagger API, Bootstrap, Restful Webservices, Drools Rules Engine, Jasmine, Jenkins, Git, Maven, JMS, ActiveMQ, Spring Tool Suite (STS), Agile/Scrum

**Client: JPMorgan-Chase, NY**  **Sep 2017 - Oct 2019**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Developed and supported critical Java web applications related to the Point-of-Sale Change Management process in agile software development lifecycle environment (SDLC).
* Involved in architecture, build and maintenance of highly available secure multi-zone AWS cloud infrastructure.
* Worked on AWS to integrate the server side and client-side code.
* Used Amazon IAM to maintain the user credentials and involved in creating custom IAM policies to various groups defined within the organization.
* Used Load Balancer for accepting incoming traffic from clients and routing requests to its registered targets to EC2 instances.
* Developed the presentation layer using JSP, HTML and client-side validations using JavaScript.
* Implemented responsive design, themes and templates using Bootstrap4 and developed Web application for backend system using Angular 5 and NodeJS with cutting edge HTML5 and CSS3 techniques.
* Created AngularJS Routing to connect different controller to the view which allows the single-page application.
* Implemented a Spring Batch process that sends a notification email to all users once the parsing-persisting process completes.
* Implemented a custom solution using Spring DI and Spring Data JPA that enables the user to sort and filter the on-screen data enriching the user experience.
* Developed DAOs (Data Access Object) using Hibernate as ORM to interact with DBMS – Oracle.
* Developed middle-tier application with J2EE using Servlet, EJB, Java Beans and Web Services Standards (SOAP, WSDL, UDDI).
* Consumed Rest Web Services (functional and content) via 3rd party APIs using microservice architecture build over HTTP REST.
* Created XML Schema, XML template and used XML SAX/DOM API to parse them.
* Optimized cleaning up of session-level Data Structure's shared across different open tabs when data is flushed/committed from one of the tabs.
* Worked in message-oriented middleware implementation using JMS and Apache Kafka.
* Implemented and tested the enterprise application with jQuery, Angular.js and Spring MVC.
* Worked on validation of the registered users using JSP-Servlets and JDBC with the details available in the Database.
* Developed web services in Java and Experienced with Service Oriented Architecture Protocol, WSDL.
* Applied design patterns including MVC Pattern, Façade Pattern, Abstract Factory Pattern, DAO Pattern, Singleton, Session Façade, Service Locator and Business Delegate.
* Confirmed unit tests and code coverage using JUNITs.

**Environment:** Java, J2EE, Amazon Web Services (AWS), Spring, Spring Boot, Hibernate, Angular 5, AngularJS, Typescript, EJB, Servlets, JavaScript, JSON, Servlets, Struts, JSP, HTML, JDBC, JUnit, Ant, WebSphere 6.0, SQL, Oracle 10g, Windows XP

**Client: Walgreens Boots Alliance, IL.**  **Jan 2016 – Sep 2017**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in all the phases of SDLC including Requirements Collection, Design & Analysis of the Customer Specifications, Development and Customization of the Application.
* Played key role in the design and development of application using J2EE, Struts, and Spring technologies/frameworks using Service Oriented Architecture (SOA).
* Involved in design, development and implementation of the application using Spring 3.0 and J2EE framework.
* Created Spring XML file for database configuration using Hibernate and for different spring beans.
* Used Hibernate framework and its caching mechanism to persist large amount of trade/order data with database.
* Used Spring framework for dependency injection and integrated it with Hibernate.
* Built web-based applications using Spring MVC 3.0 Architecture suitable for Apache Axis framework.
* Responsible for preparing the use cases and for designing and developing Object models, class diagrams with UML Specifications.
* Developed system preferences UI screens using JSP templates, JavaScript, CSS, and HTML.
* Developed Servlets and JSPs with Custom Tag Libraries control of the business processes in the middle-tier.
* Implemented Java Persistence API (JPA) through Hibernate 3.0.
* Implemented agent-server messaging dialog using Camel and JMS (Active MQ implementation)
* Used SOAP UI for testing the Web services by sending a SOAP request.
* Involved in putting the entries to external XML files which doc-builder reads.
* Wrote JUnit tests to test each module in the application.
* Developed Action and Form classes based on Struts framework to handle the pages.
* Developed Web Services to retrieve data from legacy systems.
* Planned and implemented various SQL, Stored Procedure, and triggers to implement oracle advanced queuing.
* Implemented DAO layers using Hibernate API and core interfaces.
* Developed Junit test cases for regression testing and integrated with ANT build.
* Implemented second level of caching using hibernate and EH Cache provider.
* Performed building and deployment of WAR, JAR files on test, stage, and production systems.
* Used XSL, JavaScript to display the contents of XML pages in the HTML pages.
* Used SVN as version control.

**Environment:** Java 1.7, J2EE, Servlets, EJB 3.0, Spring 3.0, Hibernate 3.0, Struts, JMS, Apache Axis 2, SOAP, REST, HTML, JavaScript, JDBC, PL/SQL, XML, UML, UNIX, Oracle 10g, Web Sphere application server 7.0, Tomcat, Maven, SVN

**Client: Hansa Solutions, Hyderabad****. May 2013 – August 2015**

**Role: Java Developer**

**Responsibilities:**

* Involved in the design and development phases of Rational Unified Process (RUP).
* Application was built on MVC architecture with JSP 1.2 acting as presentation layer, Servlets as controller and EJB 2.0 as business layer and JDBC to access Oracle 9i Database.
* Developed the application using Jakarta Struts 1.1 Framework: developed action classes, form beans and Struts-Tiles.
* Used Struts Validation Framework for validating front-end forms.
* Designed Class Diagrams, Sequence Diagrams and Object Diagrams using IBM Rational Rose to model the detail design of the application.
* Extensively used XML Web Services for transferring/retrieving data between different providers.
* Developed complete business tier with Session beans and CMP Entity beans with EJB 2.0 standards using Eclipse.
* Developed a web-based reporting widget for credit monitoring system with HTML, JSTL and custom tags using Struts framework.
* Used JMS-MQ Bridge to send messages securely, reliably, and asynchronously to WebSphere MQ, which connects to the legacy systems.
* Used JMS Queue communication in authorization module.
* Developed GUI using JSF and Java Swing.
* Designed and implemented Business Delegate, Session Facade and DTO Design Patterns.
* Involved in implementing the DAO pattern. Used JAXB API to bind XML Schema to java classes.
* Used the report generation in the databases written in PL/SQL.
* Used SVN for Version control. Used Maven for building the enterprise application modules.
* Deployed the applications on Web Logic Application Server.
* Developed logging module using Log4J to create log files to debug as well as trace application.
* Tested the application functionality with JUnit Test Cases.

**Environment:** Struts 1.1, EJB 2.0, Servlets 2.3, JSP 1.2, SQL, XML, XSLT, Web Services, JAXB, SOAP, WSDL, JMS1.1, JavaScript, IBM Rational Rose, TDD, JDBC, Oracle 9i, PL/SQL, Log4J, JUnit, Web Logic, Eclipse, Rational XDE, SVN, Linux.