Sathyamoorthy Asokan

Java/J2EE Developer - Capital One Bank

Richmond, VA 23173

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• JAVA/J2EE developer with over thirteen (13) years of experience in analysis, design, development, deployment, testing and support of client server systems and Web applications
• Expertise in Java and J2EE technologies such as Core Java, Spring Boot, Spring, Apache Spark, Apache Kafka, Cassandra, Servlet, JSP, Struts, JMS, JDBC and Hibernate
• Proficient in designing J2EE applications using MVC pattern and Spring and Struts frameworks
• Proficient in development of enterprise business solutions using Apache Tomcat, BEA WebLogic, and IBM WebSphere
• Thorough exposure to software development life cycle with good knowledge of processes like version control and bug tracking
• Sound experience in system analysis, design, and development using UML methodology
• Strong understanding of design patterns
• Impeccable interpersonal and communication skills; ability to work in a team as well as independently with minimal supervision
Willing to relocate: Anywhere

WORK EXPERIENCE

Java/J2EE Developer

Capital One Bank   -   Richmond, VA - 2015-09 - Present

Payment Modernization
As part of payments modernization in Capital One, the inbound payments embark on a technological modernization journey. The scope of inbound payments includes all payments, refund channels, and controls for monitoring payment allocation calculations for the US consumers and small business cards (branded and partnerships). The process begins with the submission of payments through our payment channels (mailed, electronic, phone, third party, and branch) and ends when a payment has been applied to the system of record, and is cleared and settled on our accounting ledgers. The new payments modernization framework is called bedrock payments, which will do this by embracing open-source, community-based development and leveraging emerging technology.

• Developed multiple micro services using Spring Boot
• Developed Restful Web services to send the messages to Kafka
• Integrated KIBANA for visualizing logs for different error codes
• Implemented business logic in the business layers and persistence logic in the persistence layer
• Used GIT as version control, deployed the application using Jenkins application
• Integrated the application with Swagger to generate rest API
• Used Eclipse STS spring tool suite plugins for application development and defect fixes
• Responsible for providing technical design
• Involved in code reviews and technical design review calls
• Provided KT to new team members
• Managed multithreading issues in the application
• Wrote JUNITs, functional test cases, e2e test cases and performance test cases using Java Cucumber
• Used and configured PostMan Rest clients for the team

Environment: Java, J2EE, Spring Boot, REST, AWS Cloud, Cassandra, Kafka, Apache Spark, GitHub, Swagger, Cucumber, PostMan, Eclipse

Java/J2EE Developer

Capital One Bank   -   Richmond, VA - 2014-07 - 2015-08

The (CLIP) Credit Limit Increase Program, is designed to facilitate customers with credit limit increases. This functionality can be availed by customers in one of two ways, the customers would receive a letter stating that they are eligible to receive a credit limit increase and they could visit the online portal and request a credit line or they could call in and ask for a credit line increase. The account combination application allows the customers to merge their multi-credit card balances into a single credit card. By doing this, the customers would receive new updated credit limits in their combined credit cards. To achieve this, the customer would be subject to several eligibility scenarios.

• Developed multiple Web services using Jersey framework
• Integrated Splunk for visualizing logs for different error codes
• Implemented business logic in the business layers and persistence logic in the persistence layer
• Used Eclipse IDE and plugins for application development and defect fixes
• Responsible for providing technical design
• Involved in code reviews and technical design review calls
• Provided knowledge transfer for new team members
• Handled multi-threading issues in the application
• Wrote JUNITs, functional test cases, e2e test cases and performance test cases using Java cucumber
• Used and configured PostMan Rest client for the teams

Environment: Java, J2EE, Spring, JUnit, Jersey, Eclipse, WebLogic Server, Postman, and DB2

Java/J2EE Developer

FedEx Express   -   Memphis, TN - 2014-01 - 2014-05

The FedEx AirOPS is one of the critical projects for FedEx Express. Under AirOPS there are multiple applications that are running and maintained. The Weight and Balance function is a critical system for FedEx. Aircraft must be balanced correctly in order to be able to fly. Currently the Weight and Balance system exists in a mainframe environment and it written in COBOL. This project is an effort to reengineer the product using newer technologies. Our main role in this project was to write the JUnit codes for the core services which are already developed.

• Developed Java based business components using Spring core
• Implemented business logic in the business layer, persistence logic in the persistence layer
• Used Eclipse IDE and plugins for application development and defect fixes
• Responsible for providing technical design
• Involved in code reviews and technical design review calls
• Provided KT to new team members
• Wrote JUNITs and functional test case

Environment: Java, JUnit, Spring, Eclipse, Hibernate and Oracle 11g

Java/J2EE Developer

Bank Of New York Melon   -   Bengaluru, Karnataka - 2013-05 - 2013-12

Bangalore, India

WORKBENCH PLATFORM
The Workbench Web site provides a wide variety of useful reference information, account reporting, and online client services. Dual-factor authentication is also available with a security token login. The Workbench reporting service provides browser based access to reporting through the Workbench Website. It allows the user to organize, store, schedule and distribute reports. The reports section of the Workbench homepage offers quick access to all of the user's recent reports, reports shared by the user's associates and user's favorite new report titles, all in one place: they can view, open or export scheduled and ad hoc report folders run over the past ten days. Report folders could be expanded to show the underlying reports in the folder.

• Developed Java based business components using Spring core
• Implemented business logic in the business layers and controller logic in the front end layer
• Used Eclipse IDE and plugins for application development and support
• Responsible for providing technical suggestions and reviews
• Involved in code reviews and technical design review calls
• Provided KT to new team members

Environment: Java, J2EE, Struts, Eclipse, Java Messaging Service, XML

May '13 - Dec '13 Java/J2EE Developer, Bank Of New York Melon, Bangalore, India
The Enterprise Payment Hub (EPH) is a payment portal where several formats of payments are processed, transformed and monitored. EPH is involved in the transformation of messages from one format to another (e.g.: Swift MX to MT, Swift MT to MX and SUMMIT to FpML etc.). EPH is implemented using Volante Designer, IBM WebSphere Message Queue and IBM WebSphere message broker. Volante Designer is mainly used for defining transformations between message formats and converting the transformation definitions to implemental JAR files. IBM WebSphere Message Queue and IBM WebSphere Message Broker are used for retrieving the messages from source and route it to the destination after transformation.

• Developed transformation mapping components using volante software
• Integrated with the core application flow by using IBM Websphere message broker
• Used Eclipse IDE and IBM WMB IDE for application development and defect fixes
• Responsible for providing technical design
• Involved in code reviews and technical design review calls
• Provided knowledge transfer for new team members

Environment: Java, WebSphere Message Broker, MQ Series, Eclipse, Volante Designer

Java/J2EE Developer
British Telecom, Tech Mahindra Ltd - Bengaluru, Karnataka - 2010-01 - 2012-01

Bangalore, India
PROD SQE is a Web based application built on open source and Java technologies. SQE was used by the sales user. The PROD SQE fulfils the lead to quote/order scenarios of the lead to cash journey. The business functionalities that were built in PROD SQE to support the quotation journey include the product selection, needs capture, product availability, technical availability, configuration, pricing, discount and tax, configuration validation and bill of material generation.

Environment: Java/J2EE, Struts 2, iBatis, Spring, AJAX and Oracle 10g

Java/J2EE Developer
Sabre Airline Solutions - Bengaluru, Karnataka - 2009-08 - 2009-12

Bangalore, India

The Paypal Patsy project module was developed for Sabre Inc which deals with major payment activity. A significant proportion of online transactions across Europe are now conducted using PayPal as a payment method. By introducing PayPal, this alternative payment method would reduce the volume of customers requiring manual payment via our reservation team when people are not able to pay by credit card on the internet. In this project, we are using Java/J2EE, EJB and Informix with security credentials.

Environment: Java/J2EE, EJB, Informix and MS SQL Server

Java/J2EE Developer

UOB   -   Singapore   -   2008-06 - 2009-08

Singapore

The Personal Internet Banking module was developed for the United Overseas Bank Limited (UOB) which deals with all major banking activities. It has three major user level privileges called Bank Admin, User and Customer. It provides various facilities such as online fund transfers, customer information and customer administration etc. The tools used to perform these tasks include BEA workshop for the WebLogic platform and BEA WebLogic portals, including the WebLogic Portal Administration Console. NetUI tags present the view/presentation layers and EJB3 and Hibernate represent the Business Logic. Oracle 10g is being used for data base activities and MQ for communicating with the various host.

Environment: Java/J2EE, Weblogic Portal Server10, NetUI, MQ and Oracle 10g

Java/J2EE Developer

NIIT Technologies   -   Bengaluru, Karnataka   -   2007-05 - 2008-06

Bangalore, India

WinRisk is an application that is used in the life insurance industry. It is developed and implemented by NIIT. In order to run the insurance business, the company scrutinizes each application to analyze the profitability involved in each case (application). The insurance company sells the policy to its customers, and before selling it, the company passes the case (policy) through its rules within a stipulated time frame (it is an assumption). These rules decide whether the policy is worth selling or not.

Environment: Java/J2EE, Spring, Hibernate, MySQL

Java/J2EE Developer

AAT   -   Hong Kong, HK   -   2006-06 - 2007-04

Hong Kong

The Cargo Management System (CMS) was developed with the aim to replace the current CMS used to computerize cargo documents and information processing in order to provide fast and reliable shipment information to airlines and cargo agents, while accepting and releasing cargo in the shortest time possible. In addition to the standard functions for import, export, transit/transfer and billing, CMS was able to provide total support of cargo handling through bar code scanning and the fully automatic electronic data inter-change with various IT systems. We used the Jasper reports to generate the reports in PDF format as well as in the DotMatrix format.

Environment: Java/J2EE, Struts, Oracle 10g, Jasper Reports

Java/J2EE Developer

CROWN World-Wide Group   -   Bengaluru, Karnataka   -   2005-11 - 2006-06

Bangalore, India

Crown, Rmi

Crown Records Management offers a range of services to help companies to manage their business information. Services are tailored to suit various data formats, whether paper, electronic media, microfilm, film, audiotape or CD's, since each medium requires different conditions for storage, retrieval and ultimately destruction. Crown owns specialized facilities equipped with security systems, including fire and theft prevention and humidity control.

Environment: Java/J2EE, Struts, IBM Websphere MQ, SQL Server 2005, MS Great Plains

Java/J2EE Developer
CROWN World-Wide Group   -   New Delhi, Delhi - 2005-11 - 2006-06

New Delhi, India
The Topserv application is the after sales system for Toyota Motors Thailand. It consists of four modules namely Core Topserv, e-Workshop, Electronic Part Catalogue and handheld devices. The system deals with the life cycle of the vehicle service business process which starts with an appointment request and ends with post service feedback being completed.

Environment: Java, Struts, EJB, JSP and Oracle 9i

Java/J2EE Developer
Sabre Airline Solutions   -   New Delhi, Delhi - 2005-02 - 2005-05

New Delhi, India
Airline Travel Shopping Engine

Environment: Java, J2EE, Struts, Java Beans and XML/XSLT

Java/J2EE Developer
National Informatics Centre   -   Noida, Uttar Pradesh - 2004-07 - 2005-02

Noida, New Delhi, India
Smart Village
This project aims at utilizing information and communication technologies in state-of-the art NIC network, to improve the economic and social development at the village level. It provides the villagers with relevant information and helps in discovering opportunities to improve their future generation. The open webmail is used in this project for e-mail service to the users.

Environment: JSP, Java Beans, Servlet, Open Webmail, MySQL, Linux

Java/J2EE Developer
National Informatics Centre   -   New Delhi, Delhi - 2004-02 - 2004-07

New Delhi, India
Computerization of Agricultural Census
This project is a Web application which comprises a national agricultural database and complete information about agricultural sectors. Any user can access, view the details and updates in Agri Sector. This project was undertaken by Ministry of Information Technology and C-DAC.

Environment: JSP, JavaBeans, MS SQL Server and Macromedia Flash 5

EDUCATION

Master of Statistics in Statistics

Bharathiar University   -   New Delhi, Delhi

Bachelor of Statistics in Statistics

Bharathiar University   -   Coimbatore, Tamil Nadu

SKILLS

J2EE, JAVA, ORACLE, STRUTS, WEBLOGIC

ADDITIONAL INFORMATION

SKILLS
Development
Technologies

C, C++, Java 1.8
J2EE, Spring, Hibernate, Spring Boot, Apache Kafka, Apache Spark, Servlet, JSP, JMS, DOM, Struts, Net UI,
Ant, JDBC, XML Schema, XML

Web/Application Servers WebLogic 7.0/8.1, Tomcat 7.0, JBoss, IBM WebSphere
Web Presentation JSP 2.0, Servlet 2.3, JavaScript, HTML, DHTML, CSS, XML, XSLT
Operating Systems All major Windows O/S and Linux
Databases Cassandra, Mongo, MS SQL Server, Oracle, MySQL
Build Framework and Tools Maven, Jenkins, Hudson
Messaging Apache Kafka, WebSphere Message Broker, MQ Series, JMS