

John S. Mammen

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Education

08/1993 **University of Maryland, College Park, MD, USA**
B.S in Electrical Engineering and Computer Engineering

Professional Summary

- Two years of advanced technical experience in JAVA Software development including EJB 1.1, EJB 2.0, RMI, and Distributed Objects.
- Proficient in JAVA Servlet, JSP, JDBC, EJB and XML development using Jdeveloper, Sun Forte on Windows NT and Linux. In addition, also developed using ASP, JavaScript, HTML, and SQL for deploying on MS NT systems.
- Currently leading a team of five developing a 3-tier client/server using Oracle, Java Servlets, JSP, EJB, JDBC and SQL.
- Two years of ASP, MS SQL development
- Installation, configuration and development of EJB using Weblogic Enterprise 6.0

Technical Summary

EJB 2.0, Java SWING, Java Programming 1.2, JMS, JDBC, Oracle 8i, SQL Server 7.0, Sun Forte 1, Jdeveloper 3.1, Jbuilder, Tomcat 3.x, Orion Server 1.3.x, Apache 1.3.x, Oracle iAS, Redhat Linux 6.2, Windows 3.x/95, Windows NT 3.5/4.0, Microsoft Visual Interdev, VBScript, Active Server Pages, JDBC 1.x/2.0. Weblogic Enterprise 6.0

Experience

03/2001 National Bank of Abu Dhabi Abu Dhabi, UAE
to Present **Senior Java Developer**

Specific Role

Design, develop and implement an Enterprise Java Application for processing Standing Orders and STP.

Currently, we are in the development stage. Current activities include, design of Enterprise Java Beans, Helper Classes and other utility classes. Develop prototype programs for communication with e*Gate and IBM MQ Series. Create DTD's for SWIFT Message types. Coordinate with other developer to prototype the screens.

Project Description

This project is to automate bank's straight through processing for payments, including recurring payment. This application is designed using J2EE specs using Java technology. The application is designed as a message based application, as it involved complex workflow and security

restriction. This application sets up a standing order/payments to any country in the world and sends a xml message using SWIFT message to the middleware e*Gate using e*Gate's Java API. These messages are synchronous and asynchronous. Once e*Gate process the message, a reply is send back to our application in a queue for asynchronous messages. These messages are processed by our application and then routed to appropriate user for further processing. This application will also receive messages from other application (VB application) to setup Standing order or payment. The external interface is via XML send to bridge/router which will be listening on a TCP/IP port. Once the message is received on the port, the message will placed on queue for further processing.

This application is designed considering strict security rules, scalability issues and maintenance requirements.

Technical Environment

This application uses EJB, Java Applets, Java Application, JSP, Servlets, and HTML. In the middle tier, Weblogic Application server 6.0 is used and Weblogic JMS for messaging. The data tier will include Sybase and MS SQL. Messaging middleware is IBM MQSeries.

The development was done under Windows, using Forte for J and Visual Café/Webgain tools.

The team included 3 Java Developers, One Database programmer/administrator, one static Web Page developer and one analyst. I was the lead developer and architect for this project.

09/1999
to 2/2001

Aldallal Net Ltd.

Dubai, UAE

PROJECT MANAGER / Senior Programmer

Specific Role

Lead a team of five programmers to develop JAVA application for web. I was responsible for studying the requirement, analysis, development, coding and documenting of the programs. One of the projects was to convert an ASP based portal to Java using Servlet, JSP.

Application Description

Project 1

This project was a redevelopment of an Active Server Pages portal, which was an online classifieds/auctions project. This portal enables a web user to place their items on sale or for auctions and track their progress. The main reason for redevelopment was due to its architecture (2 tier) unreliability and its speed. With the redevelopment, the site would be designed in a 3 tier or more and focussing on the reliability, reusability and speed of execution of code.

Technical Environment

This application was developed and designed using Java 1.2 technologies, Oracle 8I as the backend data server and Orion server (for development), Oracle iAS for production. The development was done

under Linux and Windows. The servers, Oracle dB, Orion Server, Oracle iAS was running on Redhat Linux 6.2. The coding of Java was done Windows 98 and Windows 2000 using Jdeveloper 3.1 and Forte 1.0. The team included 4 Java Developers, One graphics designer and One Database programmer. I was the lead for this project that involved management of the programmers, the programming modules, programming of many Servlet and JSP pages and integration of the entire project.

Project 2

This project was design and development of online electronic department store that enables users to browse, compare and buy electronics goods from the Internet. This involved me in the study of the business process of the store, analysis of existing business methods and how it can be applied to an online web shop. A complete requirement document was prepared initially and then a software design specification was created.

Technical Environment

This application was also designed using Java 1.2 technologies and Oracle database as the back end data server. The server environment was Redhat Linux 6.2 and Sun Solaris on Intel. All the programming was done under Windows environment using Sun Microsystems Forte for Java. The production environment was Oracle Database, Orion Server as the application server running on Linux Redhat 6.2.

The team included five Java programmers, Database programmer and a graphics designer. I was mainly managing the programming modules and was also responsible for testing, debugging and re-writing the code. I also ensured the team followed proper programming methodologies to make sure the code could easily be debugged, efficient coding, documenting and reusable.

03/1997
To 08/1999

Firesafe Trading LLC.
Systems Administrator

Dubai, UAE

Specific Role

Maintained and administered Windows NT and Linux servers as File Server, Application Server, Mail Server, Print Server, Internet Proxy server, Firewall server.

Project/Application Description

The main job was to ensure all the servers are up and running and ensure the security procedures are properly followed and enforced. Also involved in developing Web pages for the company using static html, JavaScript and DHTML.

Technical Environment

The major functions included software installation of Window NT and Linux application. Configure, setup and tune Apache 1.3.x., Firewall server on Linux, Mail server, and trouble shoot problem on servers or the client hardware. Constant updating of certain application as per security bulletins information and train users on proper usage of Internet to avoid virus attacks to the networks.

8/1992
to 12/1996

Information Spectrum Inc.
Systems Engineer

Falls Church, VA

Specific Role

Hardware design of driver cards for Optical card reader, Integration of hardware and software drivers. Testing and debugging driver interface code. I also had a secondary role as network administrator for local area network for Windows Workgroup and Linux Server.

Job Duties

My duties were to integrate various drivers and hardware for optical card reader, fingerprint recognition and smart cards. I also did a lot of testing of these hardware under different conditions of software and various operating systems.

Technical Environment

The environment included Window 3.1, Windows Workgroup, Linux, Novel Networking. All the software were either written in Assembly language and C. I did lot of debugging of C and assembly code for the device drivers.

1/1991
To 6/1992

Advanced Eng. Associates.
Support Engineer

Falls Church, VA

Specific Role

Manage, install, configure and troubleshoot PCs. Assist senior engineers in documentation of Technical manual for various in-house software assignments.

Project Duties

My main responsibilities included maintaining approximately 50 PCs in various department of the company. It included troubleshooting, repairing and configuring hardware and software problems.

Technical Environment

It was mainly PC based and some of the systems were Sun solaris.

Personal Details

Nationality: Indian
Resident of: UAE (Middle East)
Married: Yes