# AUGUSTINE JOSEPH ALUCIOUS SELVARAJ

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**SUMMARY:** About 14 Years of Experience in Information Technology, in development of Enterprise Web Based and Client Server applications using J2EE Technologies and front end technologies like EXTJS 4.0. EXTJS 5.0, Sencha Touch 2.4, jQuery, Java Script. Strong Programming Skills in Java (JDK 1.5), JDBC, JSP, Servlets. Good experience in frameworks like spring 3.0 and hibernate 3.0. Proficient in the use of reporting tools like Jasper Report, iReport, iText. Good knowledge in servers like Weblogic, JBoss, WebSphere, Tomcat, Selenium.

**SKILLS:** **Enterprise Technologies:** JSP 2.0, Servlets 2.4, EJB 2.1, XML, Soap, **Spring, Hibernate**, Web Service.
**Application Servers:** Weblogic Server 10.0, JBoss 5.0, Web Sphere 7.0 and Apache Tomcat Server 6.0.
**Web Technologies:** AJAX, HTML, Java Script, **EXTJS 4.0 & 5.0**, JSF.
**Mobile Technologies: Sencha Touch 2.4**
**Frameworks: Spring, Hibernate**. **Struts,** Languages: Java (jdk1.5), Swing, PHP. Databases: Oracle 8i (SQL & PL SQL), My SQL, DB2, MS SQL, Toad (Tool).
**Environments:** Windows XP/Vista, UNIX.
**Open source tools:** Quartz, itext, Jasper Report, iReport tool, JFreeChart, Apache POI, Junit.
**Graphics:** Dream Weaver MX, Fireworks MX.
**Java IDE / Tools:** RAD 7.0 Eclipse 3.0, Aptana IDE, Soap UI.
**Version Control:** SVN.
**Build Tools:** Ant, Maven, Jenkins
**Performance testing tool:** Silk Performer 7.0
**Automated Testing tool:** Selenium

**EXPERIENCE:** <u>CREDIT SUISSE NEW YORK CITY NY USA</u> (Nov. 14 to till date)
**J2EE Programmer**
**Project: CASA – New York & London**
CASA is part of Cash Securities Architecture Reengineering platform to provide Cash Securities aggregation for global trades. This project is to convert the existing mainframe application to J2EE platform. Working on the modules W9 Processing, Recon processing, Money Market Fund processing, Republishing missed Activity, Option Expiration weekend processing. The data we generated will be used by the front office team for their reporting tool, which is viewed by the clients.

- Analyzed the requirement from the client and prepared the technical specification, which could be used by other team members to understand the module.
- Configured the application and created the common classes that can be used by all the modules in the project.
- Designed the front end screen with HTML, JSP and Servlet.
- Created the data access layer to access the database (DB2, Oracle and Sybase).
- Coded for the Recon process and MMF application and tested the code using unit.
- Developed the SQL query based on the business requirement in DB2, Oracle and Sybase environment.
- Setup the development environment using Apache Tomcat 5.5 for the web application.
- Prepared the test plans, test cases and unit testing the module developed.

**Environment:** Java, JSP, Servlet, DB2, Oracle, Sybase, Weblogic 9.0, Apache Tomcat 5.5.

<u>JPMC WHIPPANY NJ USA</u> (Jul. 14 to Nov. 14)
**Senior J2EE & EXTJS Developer**
**Money Transfer – New Jersey** (Jul. 14 to till date)
Money Transfer is used by JPMC operation team and clients to request to transfer money using different ways like check, cash journal, payments.
The project is a complete reengineering project converting the old frontend screens developed using EXTJS 3.2 to EXTJS 5.0 and moving the backend from Weblogic to Apache Tomcat server.

- Create file upload module to upload csv and excel files to process bulk money transfer request.

- Develop the file upload backend processing to process the csv/excel file and save the values to the database.
- Created the code for EXTJS charts to show in the frontend dashboard sreen.
- Setup the development environment using Eclipse and Apache Tomcat 6.0
- Prepare automated test scripts using Selenium to test the frontend screen,
- Prepared the test plans, test cases and unit tested the module developed.

**Environment**: EXTJS 5.0, Spring, Hibernate, JAXB, JBoss 5.0, Apache Tomcat Selenium, and Eclipse.

## BARCLAYS, JERSEY CITY & WHIPPANY NJ USA (Mar. 12 to Jun. 14)
**Team Lead – ExtJS / J2EE Programmer**
**Project: Equity Finance Account Manager – New Jersey** (Apr. 13 to Jun. 14)
EFAM (Equity Finance Account Manager) is an application designed to centralize client/account hierarchy and permissioning function across Prime Services systems and businesses. It allows client, account and user setup to be viewed and maintained through a series of web pages. The client, account and fund data are sourced from upstream system and the downstream applications query EFAM for client/account/user data, and to determine access based on the user's current entitlements. The application is used by the prime service operation team.
The project is a frontend reengineering project converting the old frontend screens developed using JSF, EXTJS 3.3 to EXTJS 4.2 and moving the backend from Weblogic to JBoss 5.0 server.
- Create a custom grid component using EXTJS to used in other modules were the developer can give the values are metadata and the grid will be created automatically.
- Develop the following 3 modules Static Map and Futures Clearing Mapping and FTP server maintenance using EXTJS, Spring, Hibernate.
- Create Spring AOP configurations and classes to check the performance of components.
- Created the code for EXTJS chart
- Setup the development environment using Eclipse and Apache Tomcat 6.0
- Prepared the test plans, test cases and unit tested the module developed.

**Environment**: EXTJS, JSF, Struts, Spring, Hibernate, JAXB, Weblogic 10.0, JBoss 5.0, and Eclipse.

**Project: Prime Transaction Management – New Jersey**    (Mar. 12 to Mar 13)
**J2EE Programmer, EXTJS & Jasper Designer**
The Prime Transaction Manager (PTM) system is the strategic application for the processing of Equity Synthetics payments, where each payment is settled individually with the client. PTM application will get all the transactions and the operation team will go though each transaction and approve/reject the transaction. Once the transaction is approve d /rejected the information will be send to the other systems through real time messages. The application is used by the prime service operation team and some traders.
- Create the tree grid ([treegrid.com](treegrid.com)) for OTC module to show all the OTC transaction.
- Load the child transactions dynamically so that the grid will be load fast.
- Analyzed the requirement (BRD) from the client and prepare the technical specification document.
- Designed the front end using EXTJS (JSF for old screens) for the top search screen.
- Setup the development environment using Eclipse and JBoss 4.0
- Prepared the test plans, test cases and unit testing the module developed.

**Environment:**  J2EE, JSF, Spring, Hibernate, EXTJS 3.4, Weblogic 8.0, JBoss 4.0.

## UBS, WEEHAWKEN NJ USA (Oct. 10 to Feb. 12)
**Team Lead – ExtJS Designer / J2EE Programmer**
**Project: Client 360 – New Jersey (**Jun. 11 to Feb. 12)
The business objective of the Client 360 project is to create a holistic view of a client or relationship. The goal of this application is for a Financial Advisors to quickly answer a client's question "How am I doing?". This project will eliminate the multiple clicks and unprofessional inefficient "fumbling time" searching for answers to core client questions.  It will also leverage existing information and services already available in other applications and reports within Consult Works.  It will provide Financial Advisors with the flexibility to analyze a client's portfolio using custom groupings of accounts rather than the current limitations of the house holding system. It will utilize the gadget application framework that will allow for easier user customization of the page.  Financial advisors can add or remove what they want to see as well as set preferences on each gadget. The object of account grouping feature, within the Wealth Management

Framework, is to allow Financial Advisors' to create account groups for the purpose of viewing content, performing analysis, proposals and creating reports for purposes of a review discussion.

- Analyzed the requirement (BRD) from the client and prepare the technical specification document.
- Created the common utility classes that can be used by all the modules in the project.
- Create the spring controller class to implement the spring MVC architecture and code the implementation class to connect to the web service using Soap UI.
- Designed the front end using EXTJS for two module Balance sheet and Cash Flow.
- Created the code for EXTJS chart
- Created the data access layer using Soap to access the ESB layer.
- Setup the development environment using Eclipse and Apache Tomcat 6.0 for the front end and using RAD to work on the J2EE part of the project.
- Prepared the test plans, test cases and unit tested the module developed.

**Environment**: J2EE, Jasper Report, EXTJS, JAXB, Soap, Soap UI, RAD 7.0, Web sphere 7.0, Tomcat 6.0, Eclipse.

**Project: XCR – New Jersey**    (Oct. 10 – May. 11)
**J2EE Programmer, EXTJS & Jasper Designer**
XCR is a client reporting project which generates client reports for the Financial Advisers. This is a multi layer J2EE project, which is used by the Financial Advisors.  Based on the FA's input the PMR service will send the data in an xml format and the new XCR report engine will parse the data and generate the report in PDF format and stored in Doc harbour. The FA can retrieve the document from their message centre.  The XCR project is redesigned using new technologies like EXTJS in frontend and the reports are generated using Jasper Report.

- Analyzed the requirement (BRD) from the client and prepare the technical specification document.
- Created the common utility classes that can be used by all the modules in the project.
- Designed the report layout using iReport.
- Designed the front end using EXTJS for the Jasper Report Engine Admin Screen, which was used to change the report engine property.
- Customized the JFreeChart generated by Jasper using Java code.
- Modified the JRXML file based on the business requirement.
- Designed the Fusion Chart (Flash Chart) to get drill down charting.
- Created the data access layer to process the data xml using JAXB.
- Setup the development environment using Eclipse and Apache Tomcat 6.0 for the web application.
- Prepared the test plans, test cases and unit testing the module developed.

**Environment:**  J2EE, Jasper Report, EXTJS, JAXB, Soap, Soap UI, RAD 7.0,  Web sphere 7.0, Tomcat 6.0, Eclipse.

## CREDIT SUISSE, NEW YORK CITY USA (Jul. 07 – Oct. 10)
**Team Lead – J2EE Programmer**
**Project: CASA – New York**
CASA is part of Cash Securities Architecture Reengineering platform to provide Cash Securities aggregation for global trades. This project is to convert the existing mainframe application to J2EE platform. Working on the modules W9 Processing, Recon processing, Money Market Fund processing, Republishing missed Activity, Option Expiration weekend processing. The data we generated will be used by the front office team for their reporting tool, which is viewed by the clients.

- Analyzed the requirement from the client and prepared the technical specification, which could be used by other team members to understand the module.
- Configured the application and created the common classes that can be used by all the modules in the project.
- Designed the front end screen with HTML, JSP and Servlet.
- Created the data access layer to access the database (DB2, Oracle and Sybase).
- Coded for the Recon process and MMF application and tested the code using unit.
- Developed the SQL query based on the business requirement in DB2, Oracle and Sybase environment.
- Setup the development environment using Apache Tomcat 5.5 for the web application.
- Prepared the test plans, test cases and unit testing the module developed.

**Environment:** Java, JSP, Servlet, DB2, Oracle, Sybase, Weblogic 9.0, Apache Tomcat 5.5.

## RABO BANK, NETHERLANDS (Feb. 06 – Apr. 07)
**Associate**
**Project: MIS - Loan processing system**
BBS is a branch based, corporate loan processing system that mainly serves small & medium enterprises. The clients to this application include small, medium and big companies, partnerships etc. who wants to request for and avail loan/credit related products offered by Rabo bank. The report generation project, which creates the management related reports used by the management team of Rabo bank.

- Analyzed the requirement from the client and prepare the technical specification, which can be used by other team members to understand the module.
- Configured the Quartz API and create the common classes that can be used by all the modules in the project.
- Designed the front end screen with HTML, JSP and Servlet.
- Created a stateless session bean using EJB 2.0 to add the session facade design patterns.
- Created the data access layer using the wrapper class of Spring.
- Configured the Spring and Hibernate to the project and done POC (proof of concepts) to the client.
- Created the template file for Jasper report using iReport tool.
- Coded for the product, proposals and advisor report and tested the code using Junit.
- Develop the SQL query based on the business requirement in oracle 10g environment using TOAD database tool.
- Setup the development environment using Apache Tomcat 5.5.
- Prepared the test plans, test cases and unit testing the module developed.
- Maintained the quality of the code by running PMD, CPD and Check style on a weekly basis.

**Environment:** Java, JSP, Servlet, EJB, spring, Hibernate, Oracle 10g, TOAD, Weblogic 9.0, Apache Tomcat 5.5.

## JP MORGAN CHASE, NYC, NY, USA (Oct 03 – Jan 06)
**Programmer Analyst**
**Project: Client Central (**Oct. 04 – Jan. 06)
Client Central (CC) (as in current Phase) will be the authoritative source of wholesale client information for JPMorgan Chase. It is a data warehouse developed to store and view customer data globally. Client information within CC includes both active and prospective clients. CC will enable JPMC users to view the firm's total global relationship with a client, while allowing different organizations to manage a client for different business purposes. CC will allow users to view client information via a web-based Intranet front-end and a swing front end. CC application is updated with client data via real time messages, batch files and special processes (e.g. Mass changes). CC's static data (e.g. Organization, Employee) are updated via replication from ERD.

- Analyzed the requirement from the client and prepare the technical specification, which can be used by other team members to understand the module.
- Designed and coded for the modules like client manager and account manager in both web using JSP, Servlet and the standalone application using Swing.
- Created a stateless session bean using EJB 2.0 to add the session façade design patterns.
- Prepared the test plans, test cases and unit testing the application using Junit.
- Reviewed code changes, test procedure, test plans and other deliverables, which were delivered by other team members for peer review.
- Developed the SQL query based on the business requirement in oracle 8i environment using TOAD database tool.
- Setup the development environment using Apache Tomcat 4.0.
- Improved the performance of the client central application by performance testing technique like loading test, stressing test to improve the performance of the application.
- Reviewed the code to find the loopholes in the code, which causes connection leakage, memory leakage, which reduced the performance of the system.

**Environment:** Java, Swing, JSP, Servlet, EJB, Oracle 8i, Web sphere 5.0, Apache Tomcat 4.0.

**Project: JPMC – GFA (Global Financial Architecture)**  (Oct. 03 – Oct. 04)
**Programmer Analyst**

The GFA business area of JPMC under Shared Technology and Operations group are currently supported by Cognizant. The GFA system gets the different details from following systems which are located at various parts of the globe.

The application interfaces with CAS, CBD, ERD and RDS systems for data and CC therefore predominantly operates in a real time mode receiving and transmitting data to these systems. The transmission of data happens in two ways. First one is full feed in which all the data are transferred for the first time. This happens only when a new system is linked to the GFA system. The second type is moving the data from all the system on daily basis. This happens as a nightly feed and the data regarding the changes only are sent every night.

- Analyzed the requirement from the client and prepare the technical specification, which can be used by other team members to understand the module.
- Designed and coded for the data transfer from the CBD and ERD to the client central application using java and MQ series.
- Converted the data from the mainframe system, which is in copy book format to oracle database.
- Developed the SQL query based on the business requirement in oracle 8i environment using TOAD database tool.
- Prepared the test plans, test cases and unit tested the application data using Junit.
- Reviewed code changes, test procedure, test plans and other deliverables, which was developed by the other team members.

**Environment:** Java, IBM - MQ Series, Oracle 8i (SQL & PL SQL)

## TRANSTAR, INC, USA (Mar. 03 – Oct. 03)
**Software Engineer**
**Project:** **TRACS**
It's a Railway Accounting & transportation control system. This software has whole control over the trains, cars, tracks, and stations belonging to the Transtar Company. The whole movements of the company's cars are within the control of the software. Here the cars will be at one station at a time and it can be attached to any of the trains on track or it should be under the cleaning or reset tracks. Here there is a provision for search of a train or car or based on the commodities that are loaded in the car and we can have a detailed search to get the details. From the search we can move directly to the train or car by just a click on the car name or train name. The whole revenue is calculated based on the movement of a car from one place to another with the commodities. So the revenue will be generated against the customer who is using the car to transfer his commodities.

- Designed and coded for the modules like client manager and account manager in both web using JSP, Servlet, EJB and the standalone application using Swing.
- Coded for the add delete and modify car module change requests based on the design given by the design team.
- Created the session bean and entity bean with EJB 2.0.
- Developed the SQL query based on the business requirement in DB2 environment.
- Worked with tomcat and JBoss environment in the development phase.
- Prepared the test plans, test cases and unit testing for the modules developed using Junit.

**Environment:** Java, J2EE (EJB), Servlet, Java Script, using JBoss & Tomcat for deploying. DB2 as backend

## WALRUS EXPORTS (Jan. 03 – Apr. 03)
**Software Engineer**
**Project: Web Site design and Accounting Software**
This project has two different products. I involved in the design and development of the website gives full details about Walrus Exports, products and also the user can add/update/cancel their orders, enquiry and feedback. This is designed using HTML, Java Script, JSP, Flash MX and MS-Access as back end for testing. I also develop a swing accounting Software: This accounting software was designed for the Walrus Exports using Java Swing and MS-Access as back end. Previously the company was using Tally software as their accounting tool. They wanted to upgrade from Tally software to customized software.

- Developed the accounting software using Java Swing and java multithreading.
- Tested the business logics using Junit
- Designed the website using HTML, JSP, Java beans, and Java Script.
- Developed the SQL query based on the business requirement in MS Access environment.
- Setup the development environment using Apache Tomcat.
- Designed the flash work using Flash MX and images using Fireworks MX.

**Environment**: Java, Swing, JSP, HTML, Java Script, Flash MX, MS-Access, Apache Tomcat.

## INDIAN SPACE RESEARCH ORGANIZATION (Sep. 01 – Dec. 02)
**Project Engineer & Module Leader**
**Project: On-Line Library Automation System**
It is Library Management software using a centralized databank stored in a server on Internet. It can be used to add new books, search of books with multiple options, see the details of all the books etc. There are options for setting different database and setting the server machine at runtime. This project has two main Sections.
**Online interface:** This section is designed using HTML, Java Script, JSP, EJB and Oracle 8i for the back end. The design pattern used for this section is Model-View-Control (MVC), Session Facade, Data Access Object, and Transfer Object design patterns.
**Offline interface**: This section is fully designed using Java Swing and Oracle 8i as back end. Small libraries, which have less number of books, use this version and the tool can also be used as a local system.
- Involved in this product are designing and coding of Circulation module, Search module and Report module.
- Design the online User Interface using JSP, HTML, and JavaScript.
- Develop the controller using the Servlet.
- Create a stateless session bean using EJB 2.0 to add the session façade design patterns.
- Develop the SQL query based on the business requirement in oracle 8i environment
- Design the desktop Interface for Java Swing, java multithreading and with backend oracle 8i.
**Environment**: JSP, EJB 2.0 (Weblogic 6.0), JavaScript, Html, Oracle 8i. **Section 2**: Java, Swing, Oracle 8i.

## TACTIC SOLUTION PVT, LTD LONDON (Nov. 00 – Jul. 01)
**Software Programmer**
Project: Sales Tactician (CRM Solutions)
It's an Internet based Customer Relationship Management (CRM) software using a centralized databank stored in a server on Internet or intranet. It can be used to add new customers, contacts and enquires, Phone Calls, Quotes, Orders and products sold from that company. There are options for setting appointments in a Calendar and also we can send documents to another user as attachment and he can download it in his system.
- Designed and coded for Calendar Control (Similar to outlook calendar control), Task Management system, News Group.
- Developed the SQL query based on the business requirement in oracle 8 environment
- The web interface is developed using JSP, Servlet, HTML and JavaScript.
- Setup the environment using Apache Tomcat.
- Desktop interface was developed using Java Swing, java multithreading and this interacted with the oracle 8 database.
**Environment:** JSP, Swing, Java, Servlet, Oracle 8.

## ER&DCI, THIRUVANANTHAPURAM, INDIA (Jun. 00 – Nov. 00)
**Programmer Trainee**
**Project:          Trans-India Tourism Limited**
This project is used for enquiring about the Places in TamilNadu and Kerala and also about the Travel agencies in TamilNadu and Kerala. This is also used for booking tours through Travel Agencies. This project is completely designed using Applet Servlet Communication
- Involved in this product are designing and coding of the whole project.
- Designed the online user interface using JSP, Java, Servlet, HTML, Java Script, and Access.
- Developed the SQL query based on the business requirement in MS Access environment.
- Setup the development environment using Apache Tomcat.
**Environment**: JSP, Java, Servlet, HTML, Java Script, MS Access, Apache Tomcat.


**EDUCATION:**  B.E (Computer Science & Engineering) from M.S University, India

**CERTIFICATIONS:**
- Sun Certified Java Programmer 1.4, 91%

- Sun Certified Web Component Developer 1.4, 85%
  - Prometric Testing ID: SR1717294
- Brain bench certification on Java 2 Fundamentals with 4.07/5.0 mark on 25<sup>th</sup> October 2006