



Oracle Certified Java
Programmer

Bony Thomas
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Oracle Certified Java Programmer with 13+ years of IT experience in Application development using Java/J2EE technologies

SUMMARY

- 13+ Years of experience in JAVA/J2EE technologies analysis, design, development, testing, Implementation, maintenance of large scale object oriented applications
- Expertised in developing microservices to full fill various business needs
- Experised in developing and maintaining CI/CD frameworks to ship the software with minimum friction
- Writes, develops and unit tests software and participates with design or builds, tests and implements infrastructure components that meet the needs of the design specifications.
- Strong experience in source code maintenance systems like GIT, SVN, TFS .
- Hands on experience with databases like Oracle, DB2, Cassandra, Postgres
- Proficiency in Cloud development and strong understanding of salesforce object structure.
- Expertise in SOA architecture. Hands-on experience in SOAP and REST services.
- 2 Years of experience as an Implementation Engineer for NICE vendor applications such as Smart Center and NICE IEX workforce management in Call Center Space.
- Experience in all phases of Software Engineering (SDLC) including Requirement Gathering, analysis, Define project scope, Design, Coding, App & web server installation, deployment, Manual Testing and Implementation, Production support.
- Expertise in Distribution Center application with a sound knowledge in the Retail Domain.
- Motivated team player with ability to work under minimal supervision possessing excellent communication, interpersonal, analytical and problem solving skills

SKILLS

Methodologies	Agile Model (Scrum), Waterfall Model, Kanban
Languages	Java/J2EE, C++,SQL, PL/SQL, Java, GO, groovy, Kotlin, Java script
Vendor Application	NICE WFM, NICE NIM and RTS, I3, ARIA, Relexis myWork
Technologies	Kubernetes, Drone, JavaScript, AJAX, JSP, Struts, PhoneGap, Salesforce Mobile SDK, Apex, JDBC, J2EE, JSON, Ajax Toolkit Salesforce, AWS, openstack, chef, Jenkins
Web Technologies	J2EE, JSP, Servlet, EJB 3.0, JDBC, Web services, XML, XSD, HTML, Angular JS
Web Servers	IBM WebSphere 8.5 , Apache Tomcat 6
Framework	Spring (IOC, ORM, DAO), IBATIS. Java Play, Spring Boot, Netflix OSS
Web Service	SOAP, AXIS
Tools	Eclipse, Rational Application Developer (RAD), PL/SQL developer, SOAP UI, BMC TADD tool, RT Designer,
Database	Oracle9i/10g, MySQL5.1, MS Access, Cassandra, Postgres, Hbase
Domain Skills	Retail, Financial Retail Services, Banking and Financials Services



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EDUCATION

- Bachelor of Technology in Electronics and communication from Cochin University of science and technology, Cochin , India

CERTIFICATION

- Oracle Certified Java Programmer for Java 5 (OCJP)
- scrum certification

PROJECTS HANDLED

Project - #1 (2021 Feb till 2022 March)

Title : Senior Software Developer , The University of British Columbia, BC

Technology : Java, Mulesoft platform, AWS, PostgreSQL, Bamboo , Salesforce

Tools : IntelliJ, Jenkins, Bamboo, Stash, github

Description : Designing and developing MuleSoft-based API orchestrations on a multidisciplinary team rebuilding, redesigning and integrating the foundational API services for all UBC staff, public and students. As a senior developer/Leader I'm handling multiple projects working towards a common goal of migrating legacy Apps to Cloud environment.

Responsibilities

- ✓ Senior developer to handle multiple project deliverables
- ✓ worked in integration AWS elastic Search from Java/Mule applications for Business Data and Logs aggregation
- ✓ Work on Developing Microservices in Spring Boot using Java 17
- ✓ develop microservices in Mulesoft for various integrations across various domain in IRP program
- ✓ Code reviews and work with peers to suggestions on best implementation strategies
- ✓ Worked on several POC activities to adopt new technology stack suitable to accomplish business goals.
- ✓ Integration with business to understand and provide suggestions on new requirements
- ✓ Developed and Maintain the complete CI/CD pipeline for the new API's
- ✓ work with business to create PL/SQL add-hoc script necessary to do Data analysis and Data migrations

Project - #2 (2021 Feb till 2022 March)

Title : Technical Lead - Pattison Food Group, Langly, BC

Technology : Java/J2EE, JavaScript, android, azure, oracle, Elastic Search, Kibana, IICS

Tools : IntelliJ, Jenkins, Bamboo, Stash, github

Description : Store Inventory management team handles and keeps track of every items across all stores pattison good group manages across all banners like Save-On-Foods, Quality Foods, Urban Fare etc. we have 50+ micro services which services various aspects of Inventory management system. a Front end Android application targeted for Store team members to do cycle counting, Free counting, ordering, receiving functionalities.

Responsibilities

- ✓ Teach lead to manage a team of 9 developers



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- ✓ SME for Store Inventory Management for various system integration and new Project initiatives
- ✓ Create and managed the Sprint activities and conducted the scrum ceremonies
- ✓ Designed and developed Microservices for Store Inventory Management in Spring Boot and Java 17
- ✓ Worked on several POC activities to adopt new technology stack suitable to accomplish business goals.
- ✓ Integration with business to understand and provide suggestions on new requirements
- ✓ Production issue troubleshooting and Product support 24/7
- ✓ Performs code and design reviews for less experienced and peer engineers
- ✓ Developed and Maintain the complete CI/CD pipeline for the new API's

Project - #3 (2020 Aug till date)

Title : Senior Backend Engineer– Global Relay, Vancouver, BC

Technology : Java/J2EE, JavaScript, fabric, openstack, Krakken, Cassandra, Elastic Search, Kibana, Logstash, zookeeper

Tools : IntelliJ, DataStax (Cassandra), Jenkins, Bamboo, Stash,

Description : A10 is a flagship product of Global Relay, performance POD is tasked with improving the end to end latency and performance bottleneck of the product. A10 provides a SAAS solution to archive chat, messages, emails and voice data. A10 product is used by 21 out of 25 top bank and financial institutions across the world.

Responsibilities

- ✓ GC tuning for application that handles peta bytes of data specifically G1GC
- ✓ Aerospike cache integration to message view
- ✓ Implement the code changes
- ✓ Diagnoses, isolates and de-bugs software and hardware problems and performs problem resolution.
- ✓ Monitors systems capacity and performance, and executes disaster recovery procedures.
- ✓ Management the environment and fine tune production Alerts
- ✓ Production issue troubleshooting.
- ✓ Performs code and design reviews for less experienced and peer engineers
- ✓ Developed and Maintain the complete CI/CD pipeline for the new API'



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Project - #4 (2018 May till 2020 Aug)

Title : TASK & Work Load Management – Target Corporation, Minneapolis, MN

Role : Senior Engineer

Technology : Java/J2EE, JavaScript, Chef, openstack, kafka, Cassandra, Angular JS, Google FCM, Elastic Search, Kibana, Logstash

Tools : Eclipse, IntelliJ, DataStax (Cassandra), Jenkins

Description : This project has 3 Main Streams.

- Workload management: to manage the store inventory
- MyComm: back end service to handle a communication app for store team members.
- TAC: Target Alert Central: Backend alert services to handle push notification to store team members.

Responsibilities

- ✓ Design new microservices to support Target Alert Platform which act as platform to send communications to store team members
- ✓ Evaluate the technical options to implement the design patterns.
- ✓ Mentor high school interns.
- ✓ Writes unit test cases
- ✓ Diagnoses, isolates and de-bugs software and hardware problems and performs problem resolution.
- ✓ Monitors systems capacity and performance, and executes disaster recovery procedures.
- ✓ Resolves routine issues regarding operations, including administration, installations, setups, error messages, on-line transactions, system status and downtime procedures, etc.
- ✓ Provides preventative maintenance, troubleshooting and quickly resolves routine problems to ensure stability.
- ✓ May design technical testing methods to meet target product scalability and performance objectives.
- ✓ Collaborates with team to promote re-use and develop consistent technical build processes.
- ✓ Documents all programming and systems changes.
- ✓ Provides feedback to senior engineers and architects for standards, best practices, and process improvements.
- ✓ Leads systems planning, platform, scheduling and implementation.
- ✓ Creates prototypes.
- ✓ Develops design specifications and parameters that are in compliance with architectural blueprints.
- ✓ Develops and modify internal application and database systems.
- ✓ Performs maintenance on existing software products.
- ✓ Performs code and design reviews for less experienced and peer engineers



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- ✓ Modifies, installs and prepares technical documentation for system components.
- ✓ Stays current with capabilities of primary toolset(s).
- ✓ Provides insight and guidance on design implications of business requirements
- ✓ Performance Testing of the API developed
- ✓ Involved in the engineering design comprising the class modelling, package structure definition and application end to end design of the fixes.
- ✓ Developed and Maintain the complete CI/CD pipeline for the new API's.

Project - #5 (2016 July 2018 April)

Title : Store Task and Communication – Target Corporation, Minneapolis, MN

Role : Senior Engineer

Technology : Java/J2EE, JavaScript, Chef, openstack, kafka, Cassandra, Angular JS, Google FCM

Tools : Eclipse, IntelliJ, DataStax (Cassandra), Jenkins

Description : This project focus on delivering important alerts to Apprx 200,000 TM. Example's are Meal Alerts, POS register Needs Change. There are about 150 + different alert we deliver to each of the team member devices.

Responsibilities

- ✓ Completes systems engineering design and construction activities.
- ✓ Effectively utilizes enterprise provided tools to develop or implement components.
- ✓ Writes unit test cases and report results.
- ✓ Diagnoses, isolates and de-bugs software and hardware problems and performs problem resolution.
- ✓ Resolves most issues independently. Escalates other issues to senior engineers.
- ✓ Under the direction of senior engineers, pulls appropriate teams together to solve technical challenges.
- ✓ Monitors systems capacity and performance, and executes disaster recovery procedures.
- ✓ Resolves routine issues regarding operations, including administration, installations, setups, error messages, on-line transactions, system status and downtime procedures, etc.
- ✓ Provides preventative maintenance, troubleshooting and quickly resolves routine problems to ensure stability.
- ✓ May design technical testing methods to meet target product scalability and performance objectives.
- ✓ Collaborates with team to promote re-use and develop consistent technical build processes.
- ✓ Documents all programming and systems changes.
- ✓ Provides feedback to senior engineers and architects for standards, best practices, and process improvements.
- ✓ Coaches less experienced engineers on standards and best practices
- ✓ Leads systems planning, platform, scheduling and implementation.
- ✓ Creates prototypes.
- ✓ Develops design specifications and parameters that are in compliance with architectural blueprints.
- ✓ Develops and modify internal application and database systems.
- ✓ Performs maintenance on existing software products.
- ✓ Performs code and design reviews for less experienced and peer engineers
- ✓ Works with BAs to resolve requirements gaps uncovered in design.
- ✓ Modifies, installs and prepares technical documentation for system components.
- ✓ Stays current with capabilities of primary toolset(s).
- ✓ Provides insight and guidance on design implications of business requirements
- ✓ Performance Testing of the API developed
- ✓ Involved in the engineering design comprising the class modelling, package structure definition and application end to end design of the fixes



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Project - #6 (2016 January till July 2016)

Title : SNAP Integrated sales Tool - FirstData, Omaha, NE

Role : Lead Programmer/Analyst

Technology : Java/J2EE, struts, JavaScript, Tomcat, Oracle CPQ (Big machine), Salesforce

Tools : Eclipse, git , Gerrit, Harvest version control

Description : Firstdata is a pioneer in payment industry. They also sell POS devices to merchants. SNAP is merchant on-boarding application which handles more than 60% of First data's on boarding process. SNAP is agent assisted boarding application . The business client (BC) can capture the needs and requirement of the new merchant using SNAP application. SNAP will provide the variety of POS devices and software bundle to select from based on the inputs from BC.

The Underlying technology stack of SNAP is salesforce and Oracle CPQ (Big Machine). So it is a cloud based application. Integrated sales Tool has development in two environments. One is completely a salesforce application and other is android application. IST UI was developed using Angular JS and Bootstrap , Hence the UI elements are shared in both the environments.

Responsibilities

- ✓ Involved in Design, Development and Support phases of android and Salesforce applications.
- ✓ Coding, unit testing of Android and Salesforce.
- ✓ Application structure creation using Cordova and Salesforce Mobile SDK
- ✓ Virtual android device set up and Application setup in Android Studio and Eclipse
- ✓ Onsite/offshore task follow and ownerships
- ✓ developing Junit Testing using Mockito Framework.
- ✓ SSO between Android application and Salesforce using Mobile SDK.
- ✓ Address Daily standup meeting as a Tech lead of the project.
- ✓ Provided daily status reports to the customer.
- ✓ Hosting the angular JS application in Salesforce
- ✓ integrate Ajax Toolkit with angular JS application to access Salesforce Objects.
- ✓ Involved in the unit and functional testing of the entire application
- ✓ Involved in the engineering design comprising the class modelling, package structure definition and application end to end design of the fixes.
- ✓ Detail design documentation creation.
- ✓ Resource plan and Development hours estimation.

Project - #7 (2015 November to 2015 December)

Title : SNAP Payeezy Credit Card Integration Project - FirstData, Omaha, NE

Role : Lead Java Programmer/Analyst

Technology : Java/J2EE, struts, JavaScript, Tomcat, Oracle CPQ (Big machine), Salesforce,

Tools : Eclipse, git , Gerrit, Harvest version control



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Description : Firstdata is a pioneer in payment industry. They also sell POS devices to merchants. SNAP is merchant on-boarding application which handles more than 60% of First data's on boarding process. SNAP is agent assisted boarding application . The business client (BC) can capture the needs and requirement of the new merchant using SNAP application. SNAP will provide the variety of POS devices and software bundle to select from based on the inputs from BC.

The Underlying technology stack of SNAP is salesforce and Oracle CPQ (Big Machine). So it is a cloud based application. as part of Credit card integration project, we have development integrated the widely accepted payment gateway called Payeezy. We have developed webpages for entering the credit card details. Credit card authorization was done via payeezy gateways through data power.

Responsibilities

- ✓ Involved in Design, Development and Support phases of payeezy integration.
- ✓ Coding, unit testing of payeezy gateway webpage.
- ✓ Integration of payment gateway with Oracle CPQ
- ✓ Credit card authorization in Backend code using payeezy authorization service.
- ✓ Provided daily status reports to the customer.
- ✓ Provided production support for the application and resolved production issues
- ✓ Used struts controller to populate ModelAndView object in JSP pages
- ✓ Continuous interaction with clients for requirements and specifications understanding.
- ✓ Involved in the unit and functional testing of the entire application
- ✓ Involved in the engineering design comprising the class modelling, package structure definition and application end to end design of the fixes.
- ✓ Detail design documentation creation.
- ✓ Resource plan and Development hours estimation.

Project - #8 (2014 May to 2015 October)

Title : NICE SmartCenter and IEX (work Force Management), Target – USA Role
: Senior Programmer/Analyst

Technology : Nice Smart Center (Vendor Product)

Description : NICE Interaction Manager (NIM) 4.1 is the current version of Target's suite of Quality Management applications. The recording functions of the NIM (AKA SmartCenter) suite were implemented on May 25, 2011 for the Client Support Center, which does not record sensitive data. Guest Relations, Gift Card Operations, and Facilities Management followed soon after, along with the internal team launch of Target.com, to prove the concept of the Pause and Resume triggers in a limited scope prior to the full rollout for Target.com in August of 2011.

IEX application is used in Target for efficient management of Workforce in contact centers. Contact center agents scheduling and reporting are kept in IEX. IEX application was hosted in NICE environment. In case of any issues I'll be contacting the NICE through SR requests. I was the Implementation and support engineer for both these applications.

Responsibilities

- ✓ Technical contribution, project planning and tracking
- ✓ Resolving issues raised by the Contact center agents
- ✓ Creating Pause and Resume trigger using Real Time Designer tool according to business needs
- ✓ Tightening the security of the application.
- ✓ Maintaining the infrastructure which involves 100's of Wintel and SQL servers.
- ✓ Constantly working with business to understand the new requirements.
- ✓ Working with NICE vendors to attain the desired business goals



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Project - #9 (2013 September to 2014 May)

Title : Distribution stabilization project - Target Inc, MN

Role : System Programmer/Analyst

Technology : Java/J2EE, Spring 3.0, JavaScript, IBM Websphere 8.5, Oracle, Shell Script, Web services, Ibatis2.0, Spring2.0, Unix
Tools : Rational Software Architect 6.0, Rational Application Developer7.0, PL/SQL Developer, SOAP UI, Load Runner, Team Foundation Server, Visual Studio 2010, Team prise Explorer.

Description : Target Corporation experiences an increase in issues arising distribution legacy application. Distribution stabilization project is developed to address the concerns raised by the end user and provide them permanent solution for the outstanding issues.

Responsibilities

- ✓ Involved in Design, Development and Support phases of Software Development Life Cycle (SDLC).
- ✓ Understanding the existing application and architecture
- ✓ Provided daily status reports to the customer.
- ✓ Enhanced existing application by adding new functionality as per users change request
- ✓ Provided production support for the application and resolved production issues
- ✓ Developed and maintained security screens like Login, Authentication, which check the authorization, and authentication through LDAP Server.
- ✓ Used SpringMVC controller to populate ModelAndView object in JSP pages
- ✓ Application deployment in Websphere server
- ✓ Used JUnit to write reusable tests for unit testing
- ✓ Used Mockup Builder to design mock up screens
- ✓ Continuous interaction with clients for requirements and specifications understanding.
- ✓ Involved in the unit and functional testing of the entire application
- ✓ Involved in the engineering design comprising the class modelling, package structure definition and application end to end design of the fixes.
- ✓ Owned the Application migration from WAS6.1 to WAS 7.0
- ✓ Involved in identifying the Oracle 9i DB related issues.
- ✓ Estimated the time lines for Web sphere upgrade plan.



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Project - #10 (2012 April to 2013 September)

Title : Hazardous Waste Compliance (HWC) - Target Corporation, Minneapolis (USA)

Role : System Programmer/Analyst

Technology : Java/J2EE, EJB 3.0, Web Services, Oracle9i, SOAP, WSDL

Tools : Rational Software Architect 6.0, Rational Application Developer7.0, PL/SQL Developer, SOAP UI, Load Runner Team Foundation Server, Visual Studio 2010

Description : Target Corporation experiences an increase in issues arising from arising from the field as to how to dispose of environmentally sensitive item management ("ESIM") materials. HWC DIST is developed to address the compliance gaps in handling of Environmentally Sensitive Items (ESIM) in the Reverse Logistics supply chain and Department of Transportation (DOT) compliance gaps when a Hazmat Item is shipped out of a Target facility. This is executed in two parts. The first part(R1-2013) provides ability to initiate, process the reverse supply chain request on MOS processes that include MIRs (QA and non-QA), Shelf Life Aging, and the Monthly MOS/Salvage Report logically leading to the pull verification for the items requested

Responsibilities

- ✓ Continuous interaction with clients for requirement and specifications understanding
- ✓ Responsible for Developing Interface using Web Services
- ✓ Created XML schema on the server side and used JAXB2.0 for Java-XML mapping
- ✓ Used JMS, MDB for server side messaging for shipment quotes
- ✓ Used ANT scripts to build the application and deploy on Web Logic Application Server
- ✓ Tested web services using soapUI test tool
- ✓ Designed and coded web services for reverse supply chain
- ✓ Coded the persistence module using iBATIS, SQL/PLSQL and Oracle.
- ✓ Involved in the engineering design comprising the class modelling, package structure definition and application end to end design
- ✓ Used JUnit to write repeatable tests mainly for unit testing
- ✓ Provided Solution for the user tickets
- ✓ Manual testing, used HQ quality center for defect management.

Project - #11 (2010 September to 2012 March)

Title : Oracle Forms Application Migration - Target Corporation, Minneapolis (USA)

Role : System Programmer/Analyst

Technology : Java/J2EE, Spring 3.0, JavaScript, IBM Websphere 8.5, Oracle, Shell Script, Web services, Ibatis2.0, Spring2.0, Unix

Tools : Rational Software Architect 6.0, Rational Application Developer7.0, ATG Framework7.1, PL/SQL Developer, SOAP UI, Load Runner, Team Foundation Server, Visual Studio 2010

Description : Target Corporation uses Handheld and Vehicle mounted devices for their Distribution centre operations. Currently the devices use legacy Oracle forms technology which is no more supported. This initiative is to migrate the current software to a more advanced .Net will act as a user interface, java with Spring framework, will act as a Business tier and backend will be the ORACLE. Presentation layer and business layer will talk via java Web services using SOAP over http protocol.

Using Web services call performs between these two layers and will perform the business operations and do some transaction in the backend table (communicate between java and oracle, using iBATIS2.0) like update or delete etc,. The final value objects returns back to the .NET layer, using WSDL file.



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Responsibilities

- ✓ Involved in Design, Development and Support phases of Software Development Life Cycle (SDLC).
- ✓ Understanding the existing application and architecture
- ✓ Provided daily status report to the customers.
- ✓ Enhanced existing application by adding new functionality as per users change request
- ✓ Provided production support for the application and resolved production issues
- ✓ Developed and maintained the security screens like Login, Authentication, which checks the authorization, and authentication through LDAP Server.
- ✓ Used SpringMVC controller to populate ModelAndView object in JSP pages
- ✓ Deployed application in IBM Websphere server
- ✓ Used JUnit to write repeatable tests mainly for unit testing
- ✓ Used Mockup Builder to design mock up screens
- ✓ Continuous interact with clients for requirements and specifications understanding.
- ✓ ✓ Involved in the unit and functional testing of the entire application
- ✓ Involved in the engineering design comprising the class modelling, package structure definition and application end to end design of the fixes.
- ✓ Involved in identifying the Oracle 9i DB related issues.
- ✓ Analyzed use cases, created interfaces and designed the core functionality from presentation layer to business logic layer using UML
- ✓ Set up development, Integration and staging environments. Implemented process to track and manage software delivery and deployment

Project - #12 (2009 September to 2010 August)

Title : ZigBee Based Surveillance Robot - Solutions Inc. Cochin (Nest Technologies - Cochin)

Role : Programmer

Technology: Core Java, Programmable C, PCB

Description: This ZigBee is a specification for a suite of high level communication protocols using small, low-power digital radios based on an IEEE 802 standard for personal area networks. Applications include wireless light switches, electrical meters with in-home-displays, and other consumer and industrial equipment that requires short-range wireless transfer of data at relatively low rates. The technology defined by the ZigBee specification is intended to be simpler and less expensive than other WPANs, such as Bluetooth. ZigBee is targeted at radio-frequency (RF) applications that require a low data rate, long battery life, and secure networking.

Responsibilities

- ✓ Technical contribution, project planning and tracking
- ✓ Resolved issues raised by the users
- ✓ Created the user manual for the tool and trained the manual testers on the same
- ✓ Identified the right IEEE standard for data transmission.