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Summary

- More than Thirteen (13) years of software development industry experience using Java EE.
 - Developed enterprise-level, financial applications, insurance applications, taxation management systems and statistical information systems for institutions and organizations such as Prudential Financial, JPMorgan Chase & Co., New York Life Insurance Company, ORACLE and the Asian Development Bank.
 - Developed enterprise web applications and management information systems for the logistics and global operations of Procter & Gamble through SEVEN SEVEN Global Services Incorporated [77GSI].
- Experienced in software products application engineering as gained from INFOR and ORACLE.

Skills

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| <ul style="list-style-type: none">▪ Programming Languages<ul style="list-style-type: none">▫ Java, JavaScript, C/C++, Visual Basic, COBOL▪ Software Application Frameworks<ul style="list-style-type: none">▫ Spring (MVC, Boot), Angular, Struts, Ext JS, Flex▪ Databases<ul style="list-style-type: none">▫ Oracle, MySQL, PostgreSQL, DB2, MongoDB▪ Software Quality and Management<ul style="list-style-type: none">▫ JUnit, Mockito, Jira, QC/UFT, Selenium, Jasmine▪ Build Automation and Management<ul style="list-style-type: none">▫ Ant, Maven, npm, Gradle▪ Front-end, Client-side Technologies<ul style="list-style-type: none">▫ HTML, CSS, JavaScript, Bootstrap, Ext JS, Flex▪ Cloud Computing Technologies<ul style="list-style-type: none">▫ Amazon Web Services, Salesforce, Heroku | <ul style="list-style-type: none">▪ Java EE Technologies<ul style="list-style-type: none">▫ Servlet, JSP, JAX-RS, JAX-WS, JPA, Portlet, EJB▪ Persistence Frameworks/Technologies<ul style="list-style-type: none">▫ JDBC, Hibernate, iBatis, PL/SQL, Spring (Data)▪ JavaScript Libraries, Frameworks and Runtime<ul style="list-style-type: none">▫ JQuery, Ext JS, Angular, React and Node▪ Revision Control and Continuous Integration<ul style="list-style-type: none">▫ Git, SVN, CVS, BitBucket, Dimensions, Jenkins▪ Java EE Web Application Servers<ul style="list-style-type: none">▫ Tomcat, WebLogic, WebSphere, JBoss, Dynamo▪ Integrated Development Environments<ul style="list-style-type: none">▫ RAD, Eclipse, VS Code, IntelliJ, Flash Builder▪ Other Tools<ul style="list-style-type: none">▫ SoapUI, cURL, Toad, DevTools, JMeter, Docker |
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Certifications

- Amazon Web Services - AWS Certified Solutions Architect - Associate
- ORACLE Corporation - Java EE Web Services Developer - ORACLE Certified Expert
- Salesforce.com - Salesforce Certified Platform Developer I
- I.T. Professionals Examinations Council - Certified I.T. Passport Engineer
- Sun Microsystems - Sun Certified Business Component Developer
- Sun Microsystems - Sun Certified Web Component Developer
- Sun Microsystems - Sun Certified Java Programmer

Work Experience, Clients and Projects

- Senior Applications Engineer, SEVEN SEVEN Global Services [77GSI], September 2011 - Present
 - Performed software engineering duties and application development efforts for 77GSI clients which so far are Prudential Financial [PRU], New York Life Insurance Company [NYLIC], JPMorgan Chase & Co. [JPMC] and the Asian Development Bank [ADB]. Designed, developed, maintained and supported Spring and Java EE based web applications and information systems for the above-mentioned clients of 77GSI.
 - Improved and migrated clients' old applications from dated frameworks (Struts) and technologies (Portlets, Visual Basic) into improved and better web stack technologies (Spring, Angular, Ext JS, AWS, MongoDB).
 - Developed various (SOAP, RESTful, RMI/CORBA, GraphQL) web APIs and services for clients' systems.
 - Consulted by senior management about cloud computing technologies: Designed cloud-based solutions and developed 'proof of concepts' applications for current 77GSI clients and prospective 77GSI clients.
 - Contributed technical expertise and assistance to business and marketing teams in order to help them craft the technology aspects of their proposals and biddings in order to maintain and win more clients for 77GSI.
 - Developed web charts, graphs and other web-based UI components using various JavaScript libraries and frameworks such as Highcharts, JQuery, Ext JS and Angular for the 77GSI clients listed as follows (below).

- Prudential Financial, Incorporated [PRU]
 - Producer Services (AVAS, ADBD) [PRODSVC]
 - Enhanced, maintained and supported the web services of PRODSVC (ADBD, AVAS) to comply with ever changing policy rules, state laws, business rules and requirements of all applications relies on PRODSVC for information.
 - PRODSVC is a collection of Spring EE web services (SOAP and RESTful) that function as interfaces and provides regulated access to various other applications including mainframe and middleware applications for providing user entitlements, policies, producer profiles, security, licenses and registration information to other calling systems.
 - PRODSVC is divided into two modules: AVAS (Agent Verification Authorization Services) and ADBD (Agency Database Distribution). ADBD acts an intermediary between ADB (Agency Database), NIPR (National Insurance Producer Registry) and PL&R (Prudential License and Registration System) by obtaining NPN (National Producer Number) for newly appointed producers. AVAS provides policy level security information and user entitlement validation by applying user access rights for agents, brokers, etc. AVAS also creates producer profile information for New Business (PLUS) applications and to many ADB field applications.
 - Universal Viewing Capability [UVC]
 - Refactored, migrated and improved UVC from using the Struts framework into a Spring EE based web application.
 - UVC is a web-based application within PruXpress Brokerage Portal for managing the registration of access of third party brokers and general/captive agents. UVC includes administrative features to establish and control user access to contract information. UVC allows users to control their 'span of focus/interests'. UVC is integrated with many applications and is the source of reference for access to contract information and 'span of focus/interests'. Provides internal (Customer Service Representatives) CSRs access to update registrations and profiles.
 - Prudential Online [POL]
 - Maintained and supported POL's shared infrastructure services layer by making enhancements to its Java-based, RMI (CORBA) services, SOAP web services, Message Queuing (JMS) services and other middle-tier components.
 - Performed integration development efforts in making policies from insurance applications outside of POL to be searchable through the shared infrastructure services layer and viewable for applications within POL if needed.
 - PRUONLINE [POL] is the main web accounts portal of PRU's Customer Sales Representatives (CSR), Agents and Customers for managing accounts and policies (Insurance, Annuities, Mutual Funds, etc.). POL is comprised of several other web applications within the portal and one of those information systems is LifePortal. The components of POL's shared infrastructure services layer are utilized by all other applications within POL portal.
 - PRUONLINE LifePortal [POL LifePortal]
 - Enhanced and maintained the Spring/Java (RESTful, SOAP, RMI/CORBA) web services to comply with business needs/operations, rules and policy changes. Developed web adapters for SOAP web services to consume and output JSON for current and future clients applications that can only interface to RESTful web services. Migrated and refactored the whole of LifePortal from Struts/Portlets into Spring/Portlets. Improved the application's security.
 - POL LifePortal is one the web portal applications within PRUONLINE [POL] web portal. LifePortal enables the management (updates, enrolments, changes, search, transfer, reallocation, rebalance, payments) of Customer Accounts and Policies (mainly Life Insurances, Annuities, Retirements and Investments financial products) of PRU.
- New York Life Insurance Company [NYLIC]
 - NYLIC Annuities Direct Salesforce Cloud [NYL Sales Cloud]
 - Participated and contributed technical knowledge during the bidding/proposal stages to secure the project. Implemented enhancements as per requirements. Developed Java web services and APEX callouts for integrating NYL Sales Cloud to the external systems within NYLIC that needs to exchange data with NYL Sales Cloud.
 - NYL Sales Cloud is the Salesforce cloud instance of NYLIC. NYL Sales Cloud is used for selling NYLIC's Fixed Deferred Annuities (FDA), Guaranteed Lifetime Income (GLI) and Guaranteed Future Income (GFI) products.
- JPMorgan Chase & Co. [JPMC]
 - JPMC Account Management System 2.0 Custody [AMS20 Custody]
 - Developed and maintained AngularJS UI components. Implemented Single-Page Architecture (SPA) and reactive design using Bootstrap. Developed the Spring-based Service and DAO layers. Supported transition from AFrame.
 - JPMC AMS20 Custody is the next generation Custodial Services Management system of the Reference Data Technology [RDT] and Investment Banking Technology [IBT] groups of JPMC for managing global custodial accounts and agreements. AMS20 Custody is to replace AFrame as it is being transitioned for decommission.
 - JPMC AFrame [ORCA]
 - Enhanced and maintained the Apache Flex front-end. Developed Spring-based web services. Maintained DAO layer and MQ components. Implemented schema changes and performed master data management duties.
 - AFrame is the legacy Custodial Services Management system of the Reference Data Technology [RDT] and Investment Banking Technology [IBT] groups of JPMC for managing global custodial accounts and agreements.
 - JPMC Implementation Manager [IM]
 - Enhanced, maintained and supported batch applications using AutoSys, Control-M, Quartz and Cron. Developed modules that uses JMS to store Custodial Account documents to a NoSQL MarkLogic DB through web services.

- JPMC IM is a module of bundle batch applications, web services and MQ applications that interfaces and enables business operations between the outgoing systems of RDT (Reference Data Technology) and IBT (Investment Banking Technology) groups of JPMC. AMS20 Custody and AFrame/ORCA heavily leverages JPMC IM.
- JPMC MORCOM PRIME Money Transfer [MT]
 - Developed Ext JS UI widgets, Spring-based SOAP and RESTful web services and automated tests using Jasmine.
 - JPMC MT is the money transfer module of the MORCOM (Morgan Communications) Prime portal of the [IBT] Investment Banking Technology group of JPMC. MT enables money transfer transactions such as ACH pushes, ACH (Automated Clearing House) pulls and wire transfers for the applications within the MORCOM Prime portal.
- Asian Development Bank [ADB]
 - ADB Statistics Portal [STATPORTAL]
 - Developed web-based graphs/charts for showing statistical data. Developed a search solution using Solr/Lucene.
 - ADB STATPORTAL is a statistical information system of the web portal of ADB. It provides consolidated statistical information extracted from various databa sources including statistical data from RSDD through ADB URBINFO.
 - ADB Urban Information Statistics [URBINFO]
 - Developed the DAO layer to use multiple types of databases. Developed web-based charts for statistical data.
 - URBINFO is a statistical information system initiative of ADB's [RSDD] Regional and Sustainable Development Department. URBINFO provides urban-specific statistics throughout ADB as extracted from various data sources.
 - ADB Alumni Portal [Alumni Portal]
 - Enhanced and maintained Alumni Portal by implementing approved change requirements from portal stakeholders.
 - Alumni Portal is the official web portal of ADB for ex-ADB employees to get in touch with current ADB employees.
- Lecturer (Level 6), De La Salle University - Manila [DLSU], September 2010 - December 2010
 - Taught the courses OBJECTP and COMMAT3 to Computer Science majors and Math majors respectively.
 - Worked part-time as a lecturer while studying full-time at graduate school during this period.
 - College of Computer Studies [CCS]
 - Object-Oriented Programming with Java [OBJECTP]
 - Taught the principles of object-oriented programming using the Java programming language with focus on software engineering design implementations. Included a refresher on the language features of the Java.
 - College of Science [COS]
 - Computer for Mathematics 3 [COMMAT3]
 - Taught COMMAT3, which is like OBJECTP but has additional focus on potential mathematical implementations.
- Applications Engineer, ORACLE (Philippines) Corporation [ORACLE], October 2008 - July 2010
 - Designed and implemented enhancements to ETM using OUAF for various taxation institutions globally.
 - Enhanced and maintained OUAF, ETM, code generators and development tools using Java and COBOL.
 - Supported and maintained installed ETM instances of tax institutions, clients from various states/countries.
 - Enforced test-driven development, continuous integration and documentation. Implemented optimizations.
 - Performed database design and administration as required. Improved ORM implementations as needed.
 - ORACLE Tax and Utilities Global Business Unit [TUGBU]
 - ORACLE Enterprise Tax Management [ETM]
 - Enhanced and maintained the batch/bulk processing features and modules of ETM. Designed and implemented various improvements and customizations to all layers of ETM as requested or needed by ETM owners or clients.
 - ORACLE ETM is the web-based, enterprise tax-specific product offering of ORACLE based on the ORACLE V2 Utilities Application Framework that delivers fast and flexible Tax Management application solutions and systems.
 - ORACLE Utilities Application Framework [OUAF]
 - Modified and enhanced the COBOL layer for improving floating point precision for currency operations. Enhanced and maintained the various software generators and tools within the ORACLE V2 Utilities Application Framework.
 - OUAF or SPL V2 is the Java EE and COBOL based application framework of ORACLE for building tax and utilities products aimed for global business solutions in the line of Billing, Tax Management, Customer Care and Metering.
- Software Engineer, INFOR PSSC [INFOR] *formerly* LAWSON PSSC, November 2007 - May 2008
 - Designed and implemented enhancements and fixes to the S3 product suite as requested by end users especially the enhancements and fixes intended for S3 Process Flow Integrator product under the S3 suite.
 - Maintained and supported the S3 product suite and the LSF framework. Fixed reported bugs and issues.
 - LAWSON PSSC
 - LAWSON S3 (Staff, Source, Serve) [S3]
 - Enhanced, maintained and supported ProcessFlow Integrator (PFI) product of S3 for Workflows Management.
 - LAWSON S3 is Lawson's ERP product suite targeted for the Service sector (S3 stands for Staff, Source, Serve).
 - LAWSON System Foundation [LSF]
 - Implemented necessary adjustments to LSF to optimize S3 ERP products especially the S3 PFI product module.
 - LAWSON System Foundation is the IBM (DB2, WebSphere) technology heavy, application framework from which LAWSON M3 (Make, Move, Maintain) and LAWSON S3 (Staff, Source, Serve) ERP product suites are built upon.

- Java Applications Engineer, SEVEN SEVEN Global Services [77GSI], April 2004 - November 2007
 - Performed analysis, software design, code implementation, deployment and testing of the Enterprise Java (J2EE) web applications and information systems of the main client which is Procter & Gamble [P&G].
 - Designed and developed a couple of Enterprise Java (J2EE), Struts web applications from scratch which replaced the old existing versions of Visual Basic desktop applications P&G has been using before.
 - Developed PL/SQL triggers and stored procedures. Performed database design and administration duties.
 - Developed ETL (extract, transform, load) programs to convert/migrate MS Access to ORACLE database.
- The Procter & Gamble Company [P&G]
 - P&G Customer Portal Genesis 'Two' and 'Three' [CPGT]
 - Enhanced the front-end UI using AJAX. Enhanced and maintained DAO and Service layers using iBatis and JDBC.
 - P&G CPGT is the Customer Management web portal application system of P&G globally. P&G CPG 'Two' and P&G CPG 'Three' were initiated by and developed under the project management of P&G Germany (Berlin).
 - P&G Picklist Database - Next Generation [PLDB NG]
 - Develop a migration tool using Java (JDBC, ODBC) to perform database migration and ETL from MS Access to Oracle. Performed requirements gathering and analysis. Developed all layers (View, Service, DAO) of PLDB NG.
 - P&G PLDB NG is the web-based, next generation Picklist Database management application system of P&G globally previously a Visual Basic desktop application, developed from scratch into a next generation Struts-based J2EE web application. Developed under the project management of P&G USA (Cincinnati) main headquarter.
 - P&G Global Initiative Database [GIDB]
 - Developed SOAP web services using JAX-WS. Enhanced and maintained the DAO layer using JDBC and Oracle PL/SQL. Developed automated and multi-threaded tests suites using JUnit and Ant for load/integration tests.
 - GIDB is a collection of SOAP web services that are built around the Initiatives databases of P&G USA (Cincinnati). These web services are endpoints that perform automated orchestrations/triggers of updates and exchanges of data between various Initiatives databases as defined accordingly from Initiatives business rules and requirements.
 - P&G Global Business Plan - Next Generation [GBP NG]
 - Refactored data structures. Improved application performance of its web-based bulk/batch processing and validation modules. Developed DAO layers using JDBC. Enhanced Oracle PL/SQL triggers and stored procedures.
 - GBP NG is P&G's global, web-based Initiative Management application system. Developed under P&G Belgium (Strombeek-Bever) project management as the system for handling of P&G's global initiatives and business plans.
 - P&G Web Order Management - Enterprise Edition [WOM EE]
 - Developed the DAO layer using iBatis/JDBC and the front-end and View layer using JavaScript and Servlets/JSPs.
 - P&G WOM EE is an enterprise (J2EE) Java based web application system for online order handling and management of P&G globally which was initiated by and developed under P&G Germany (Berlin) management.
 - P&G Mobile Order and Sales Information System - Next Generation [MOSIS NG]
 - Implemented Java Swing layouts and UI components. Developed JDBC, DAO layer against a Sybase SQL Server.
 - MOSIS NG is a standalone, Java (J2SE) desktop application, the Next Generation, Order and Sales Management information system of P&G globally which was initiated and developed under P&G Germany (Berlin) management.
 - P&G Integrated Tool for Demand and Supply Planning [NETTING TOOL]
 - Implemented using the Struts framework. Developed the DAO and Layers from scratch using iBatis framework.
 - P&G NETTING TOOL is the web-based Demand and Supply Planning Tool developed specifically for the P&G branches in the Arabian Peninsula and is integrated with another J2EE application which is P&G STAR.
 - P&G Streamlined Tool for Automated Replenishment [STAR]
 - Developed JavaScript based input validations. Enhanced the Service, EJB (Session, Entity) and DAO layers.
 - P&G STAR is the web-based Supplies Replenishment and Shipment Automation system of P&G globally.
- Local Government of Marikina City
 - Marikina Business Permit and Licensing System [MBPLS]
 - Developed, enhanced and maintained the View, Service and DAO layers of MBPLS. Utilized JavaScript for the client-side behaviors and JasperReports for receipts. MBPLS is the Struts based Taxation system of Marikina.

Competition

- 2002 Association for Computing Machinery - International Collegiate Programming Competition
 - Led the Mapúa Institute of Technology to a 20th place finish in the ACM - ICPC Asia Regionals.
 - Ranked 6th best team from the Philippines. Held at the University of Asia and the Pacific.

Lectures Held

- OBJECTP - Object-Oriented Programming using Java
 - Software Technology Department, College of Computer Studies, De La Salle University - Manila (2010)
- COMMAT3 - Computer for Mathematics 3
 - Department of Mathematics, College of Science, De La Salle University - Manila (2010)

- Java Web Technologies - Java Servlets and JavaServer Pages
 - 81st Foundation Day, Mapúa Institute of Technology - Intramuros (2006)

Internship, Research and Development

- J2EE Developer Intern, Software Ventures International [SVI], August 2003 - December 2003
 - Enhanced, maintained and supported the View and EJB/Service layers of SVI Technologies' STORMS.
 - Provided support to the external enterprise applications within SVI that needs to use the EJBs of STORMS.
 - SVI Technologies
 - SVI Technologies One-Stop Resource Management System [STORMS]
 - STORMS is the network monitoring system of SVI Technologies for the profiling and billing of the whole network of SVI and the networks of all the clients that SVI Technologies supports.
- Student Research Assistant, Mapúa Institute of Technology [MIT], July 2003 - December 2003
 - Led and managed a team of student research assistants and developed a web-based GIS for MIT ITRD under the guidance of a geologist, non-web-based GIS expert, research adviser from the Bureau of Mines and Geological Science [MGB] of the Department of Environment and Natural Resources [DENR].
 - MIT Information Technology Research and Development [ITRD] Office
 - Project Weave
 - Developed 'Project Weave' using Java based technologies such as Applets, Servlets, JDBC, JSPs and Tomcat. Contributed to the spatial design and development of the GIS. Utilized Geotools, ESRI ArcView and PostgreSQL.
 - 'Project Weave' is a web-based GIS software research development project of MIT for DENR. Its goal is to enable non-web-based GIS to be made accessible as a web-based application system using free and open technologies.

Education

- Master of Science in Computer Science (2006 - 2011)
 - Department of Computer Science, College of Engineering, University of the Philippines - Diliman
 - Exceeded maximum residency. Earned units. Did not graduate.
- Bachelor of Science in Computer Science (2000 - 2004)
 - School of Information Technology, Mapúa Institute of Technology - Intramuros
 - Recipient, Don Tomas Mapúa Academic Scholarship
 - Graduated 14th in rank from the pioneer Computer Science batch.

Organization

- Association for Computing Machinery (ACM) - International Student Member (2002 - 2003)

Trainings Attended

- MongoDB for Node.js Developers, MongoDB University (2016)
- Salesforce Administration and Development, SEVEN SEVEN Global Services (2015)
- MQ15 WebSphere MQ System Administration for Distributed Platforms, IBM Philippines (2008)
- J2ME Application Development, University of the Philippines - Diliman (2008)
- SL275 Java Programming Language, Mapúa Institute of Technology - Makati (2003)
- CISCO Certified Network Associate Course 2, Mapúa Institute of Technology - Intramuros (2003)
- SL210 Migrating to Object-Oriented Programming with Java, Mapúa Institute of Technology (2002)
- SA118 Solaris UNIX for System Administrators, Mapúa Institute of Technology - Makati (2002)
- CISCO Certified Network Associate Course 1, Mapúa Institute of Technology - Intramuros (2002)

References

- Peter John Abastillas <pabastillas@77soft.com>, Senior Managing Director, Seven Seven Softwares
- Medel Pantoja, Jr. <medel.pantoja@oracle.com>, Principal Consultant, ORACLE (Philippines)
- Gentley Escalante <gentley.escalante@infor.com>, Director of Software Development, INFOR PSSC