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SUMMARY
Helping businesses grow their revenue and customer satisfaction by collaborating with business partners and developing, deploying and enhancing production software.

EXPERIENCE

Walt Disney World, Senior Software Engineer
Orlando, FL July 2017 - February 2022

Team/Overview: Disney Cruise Lines, Ltd. (DCL)

Project: Microservices API Enhancement, Bug and Defect Fixes

- Triaged and wrote code and tests to handle API data inflow,
updates and scheduling across the following bounded contexts:

  - Berthing
  - Metadata
  - Scheduling
  - Crew
  - Itinerary

Project: SAP Data Import to Workflow Integration

- Performed analysis with team to ascertain nature of data mapping
issues with import from SAP.

- Updated TRIP Crew, Crew Documents and Crew Contacts import to ensure mappings from
one system to the Crew Management Application (CMA) is accurate.

- Built CMA to Workflow Custom Import Project to retrieve daily feed of Crew
including all associated documents and contact information to validate,
and forward securely to Workflow application using Automic Scheduler for both
on-shore application and across the DCL Cruise ship fleet.

Skills Used: Core Java, JUnit, Verifone POS Terminals, Oracle, ALM, JIRA, FiPay Logs, Multi-team meetings, API Research, Git, Spring Boot, Spring Framework, Spring Security, MySQL, MariaDB, Scrum, Oracle, MS SQL Server, Mockito, Rest Assured, Slack, Microsoft Office 365 Suite.

Team/Overview: Adaptive Payments Team

Project: Worked as a contributing team member to a multi-year EMV Certification release for the Adaptive Payments Platform used by thousands of Walt Disney World locations.

- Wrote Java code to update processing pipelines to enhance, verify and ensure the accuracy of the Payments, Admin Payments, Payments SDK and JMeter Suite of Tests for LoadTests.

- Triaged, tested and made updates for authorizations, refunds, cancel/voids, gift cards and rewards cards for Disney and FiPay and other vendors within strict timelines.

- Wrote code and unit tests to add external vendor Card Present Fraud Scoring.

- Handled multiple batch job updates and enhancements with Java, Oracle and Bash Scripting and Automic Scheduling.

- Updated APIs to allow digital receipts history via for authenticated and authorized users.

Somersi Software, Senior Java Developer
Boca Raton, FL March 2017 to April 2017

Overview:
Built software for financial education products.

Project: Update User Settings and Enhance Credit Card Image Awareness

- Wrote HTML/CSS/JavaScript and JQuery to update the user interface when making payments to display and/or highlight the credit card image based on the information entered.

- Coded and tested back-end code for the microservices API to handle user settings updates using Core Java, JUnit, Mockito, Spring framework, JIRA, MySQL and JQuery in close collaboration with the business owner.

Skills Used: All development is done using Core Java, Spring framework (Core, Security) IntelliJ IDEA, JQuery, Html/Css/Javascript, Oracle VirtualBox with Ubuntu Linux, Maven, Git, WebWork

Cross Country Home Services, Senior Software Developer
Sunrise, FL August 2014 to January 2017

Overview:
Built and maintained end-to-end portal solutions using a full-stack solution for internal and external customers, vendors and service providers in the Home Services Industry using Agile/Scrum methodologies.

Project: Re-Build Core Insurance Product API

- Implemented new endpoints for company middle tier API for:

  - Products Selection

  - Product Incentives

  - Broker Search

  - Enrollment Preload Search

  - Specific Client Legacy Enrollment

Project: Prototype for Spring Cloud infrastructure including:

- Microservices for Consumer Enrollment

- Services Registry

- Microservices Gateway

- Integration code for one command launch of all services and infrastructure.

Project: Coded and tested User Interface and back-end port of Vendor Network application (http://www.cchs.com/service-provider-benefits) that allows Service Providers to view active, archived claims and track payments history.

Skills Used: All development is done using Core Java 6/7/8, Spring framework (Core, Boot, Cloud, Security and Netflix). Additional tools, IntelliJ IDEA, Atom, AngularJS, Lineman.js, Javascript, Oracle VirtualBox with Ubuntu Linux, Maven, bash shell, git, Jira and Confluence. Backend interfaces with Oracle Enterprise Database.

Tracfone Wireless, Services Developer
Medley, FL May 2014 to August 2014

Overview:
Designed solutions to solve business problems across multiple teams
using Core Java and Java EE.

- Worked with team lead and team members to implement a solution to a wireless carrier and MFormation (Mobile Device Management) integration synchronization issues that requires modification to existing business process flows and by adding new process flows to solve the current issue.
- Researched methods to handle asynchronous communication in order to refactor existing codebase.
- Researched domain driven design, reactive programming and hexagonal architectural patterns to aid in designing and implementing complex business workflows.
- Wrote technical design documentation to detail the implementation for each change request and/or project.

Skills Used: Core Java, Java EE, Web Services, Git

VERIO, INC, Software Development Engineer III
Boca Raton, FL March 2013 to May 2014

Overview:
Responsible for new features, bug-fixes and enhancements for the Java Verio Adapt Core.

Project: Web Hosting MarketPlace Project with Java Implementations
- Designed object hierarchies based on interface-implementation semantics to extend the existing core with product change capabilities using Core Java and Java Reflection.
- Created REST Client using Core Java to connect to internal Platform Api, 3rd Party API and Inventory System.
- Implemented 3rd Party interface class methods for create, delete, update and single sign-on for WHALE products.
- Writing JUnit integration tests to verify functionality end to end for product provisioning, deprovisioning, change, suspend and single sign-on.
- Coded utility using Google Gson and InputStreamReader to read JSON configuration files from the classpath at runtime for custom product configuration.
- Developed JUnit integration tests to verify SSL Certificate installation using the BouncyCastle library.
- Wrote code to generate XML requests from JMS responses and building new XML requests to generate PEM formatted SSL certificates in XML payload using JDOM and ByteArrayOutputStream.

- Wrote Java code to send XML requests over JMS using Active MQ to perform core workflows for multiple products in the Java Verio Adapt Core.
- Committed and pushed code to GIT using Netbeans IDE and internal command line tool to merge created feature and/or bug branches into the main development branch.
- Managed JIRA ticket workflow for development tasks assigned.
- Researched Meta Data externalization for all constants (key/value pair) based data in order to provide runtime modification and configuration of the deployed products.
- Deployed Maven built WAR files to GlassFish and JBoss EAP Application Servers for testing in development.
- Interacted with team members in daily SCRUM stand-up meetings discussing items worked on the previous day, current items and obstacles if any.
- Enhanced environment tester front-end to provide status of REST and Database resources used by the core application.
- Configured Spring XML Beans for runtime dependency injection of required resources.

INTERMEDIX, Senior Java Engineer
Fort Lauderdale, FL June 2012 to February 2013

Overview: Wrote dynamic multi-tier software with cross-language collaboration and integrations.

Project: TripTix Web Product

- Coded classes, interfaces and mock unit tests using JUnit and Core Java to verify features and bug-fixes.
- Built HTML/CSS Controls for web user interface and user interaction with the product.
- Used JavaScript and JQuery to perform data validation and dynamic user interface manipulation to display and hide web controls.
- Wrote JSON for the mechanism of data transfer between the front-end and service interface used for approximate date of birth calculation.
- Wrote date calculations using Joda Time API.
- Coded Java Servlet to validate HTTP POST data passed from the front-end user interface.
- Developed a Java class used to perform the business logic required to calculate approximate date of birth.
- Implemented JUnit test case to verify the date computations.
- Wrote SQL to insert, update, delete and view data in support of product features.
- Participated in daily SCRUM meetings to provide status reports of work completed.

ROYAL CARIBBEAN INTERNATIONAL / CELEBRITY CRUISES, Senior Java Developer
Miramar, FL August 2011 to February 2012

Overview:
Worked on the Celebrity Cruises Redesign Project to provide
a new look and feel for customers.

Project: Celebrity Cruises UI to Backend Integrations
- Wrote Core Java to use pre-existing libraries and functions to implement core business logic
for payment amend booking workflows.
- Designed and updated Struts Tiles definitions.
- Created Struts Tiles layout templates.
- Integrated dynamic Struts Tags and JSP Scriptlets into new look and feel by extracting HTML
from wireframes and using them for the JSP layouts.
- Merged existing JSP Struts Tags into a new dynamic look and feel.
- Created and updated Struts action code to add or update dynamic data and value objects to
ensure proper display of data in JSP views.
- Wrote JavaScript and JQuery to handle Booking Amend Payment Flow.

CITIZEN PROPERTY INSURANCE CORPORATION, Java Developer 2
Tallahassee, FL November 2008 to June 2011

Overview:
Developed enhancements for the customer-facing policy management application and provided
integrations with agent-facing policy management application and 3rd party vendors.

Project: Manage My Policy API
Worked to maintain and enhance flagship manage my policy application api to allow customers
of Citizen's to view and make updates to their policies
online.

- Tested functionality and web services using EasyMock, JUnit, Java, XML.
- Verified cluster configurations for application servlet containers.
- Handled any updates as required based on the Disaster Recovery process.
- Coded and tested bugs, defects and new features.
- Wrote JUnit tests for Web and Service modules.
- Designed Java interfaces for service API, model objects and enum.
- Configured Spring Framework XML files for Spring MVC, Spring Security and bean wiring.
- Designed XML Schema based on technical specifications and requirements.
- Generated JAXB Model objects from XML Schema using XJC from the command line.
- Mentored Data module developer on JUnit configuration, interface implementation and Spring
configuration.

- Designed SOAP/MTOM Web Service using Spring Framework, Apache AXIS.
- Developed XML Schema updates for MTOM/XOP elements.
- Validated XML Schema and WSDL for WS-I Compliance using SOAP UI Tool.
- Refined SOAP Web Services module maven dependencies to enable proper build and packaging into WAR file.

Project: New RESTFul Web Service for Large Document Upload
Designed RESTFul Web Service from the ground up in collaboration with Team Leader, Data Module Developer, Business Analyst and Quality Assurance professional.

- Built a Multi-module Maven project to contain a parent pom project, Core project, Web Service project, Data module project and Web tier project.
- Triaged large file (300 Megabytes) upload issues with team members and by researching MTOM/XOP issues on Spring Framework, Apache AXIS forums and API documents.
- Research concurrent programming in general and its usage in JAVA.

Project: Proof of concept, Image Processing
Worked on a prototype to invoke a command line process/program (ImageMagick) from within a deployed web application to mitigate corrupt image transfers by converting the given images to the proper format and filtering out images that would not properly convert into a java.util.ArrayList of File type for later processing.

Coded HTML web form updates for new field additions as well as implemented the back-end Java code to handle the new fields including Spring MVC validation.

AT&T, IT Analyst
Roanoke, VA October 2006 to July 2008

Overview:
Worked as part of a development team to maintain project management, customer loyalty, e-commerce and forums and knowledge based applications based on EJB 2.0 and internal commons framework.

Project: Jive Knowledge Base and Forums Products Integrations
Wrote Java code, creating new features to allow internal support staff to add new service regions for customer loyalty using a web-based interface.

- Deployed EAR application packages to Web Logic Server Cluster.
- Created Connection Pools and Data Sources in Web Logic Server Cluster.
- Wrote Java code to integrate 3rd Party Forums and Knowledge Base Suite into an internal single sign-on process for existing online portal.

- Exported XML data using the administration console in order to merge two standalone forums and one standalone knowledge base and their data into a unified suite product.
- Worked with JIVE technical support to resolve performance issues.

Project: E-Commerce configuration and testing
Implemented Java code fix to allow proper drop-shipment status indication for online e-commerce orders for the Move, Add, Change application (eMAC).

- Debugged and resolved issues with Ariba cXML interface punch out orders using web console.

Project: Customer Loyalty / Oracle Update
Created Oracle Package and Function using PL/SQL to support customer loyalty application functionality including insert, update and delete actions for Oracle 10g.

RADFORD UNIVERSITY, Web Developer II
Radford, VA October 2001 to October 2006

Overview:
Developer Java EE applications as a member of a multi-functional language development team.

Project: Campus Online Search Application
Designed Java interfaces to define search behavior for re-design of the campus web directory.

- Implemented Java code for search by last, partial last and full name as well as search by department.
- Wrote all HTML and CSS for the web user interface.
- Coded Java Beans and used the Strategy Pattern to implement multiple search requirements.
- Abstracted JDBC calls in object method implementations to prevent direct database calls from JSP pages.
- Configured Servlets mappings in web.xml file.
- Coded helpers for search including, Regular Expression Helper for validation, Search Helper for validation and Oracle Helper for database connectivity.
- Wrote JUnit tests to validate all implemented requirements.
Provided web-tier navigation by using java.util.Map implementations for web to view mappings.

Project: Office Forms Automation Application
Wrote Java code to allow administrative user to view, edit, e-mail, print submitted requests and perform workflow actions (accept and close submitted requests), also archive (delete not allowed) completed requests and search archived requests.

- Used ANT to build deployable applications.
- Implemented web-forms application to allow specified staff to submit Inter-Office Request Form used for internal data requests and reports.
- Coded the HTML and CSS web interface, including proper image placement.
- Wrote SQL using MySQL database to build databases and tables as well as grant rights to application users.
- Implemented create, edit/update and delete using Java code for normal user, administrative user as well as encryption of the user's password in the database.
- Designed administrative interface using HTML, CSS and display-tag library for consistent web interface views.

Project: Barnes and Noble Shopping Cart Integration
Implemented an object model to perform the translation from an Oracle data source to produce well formed XML documents to send via HTTP POST to Barnes and Noble for shopping cart integration.

Project: Online Waste Management Application
Designed and delivered online waste management applications using Core Java, JSP/Servlets, Java Beans, JDBC and JSTL. Wrote the user interface for online waste management using HTML and CSS.

EDUCATION

Master of Science in Information Technology
with a major in Project Management
Graduated 2017

Bachelor of Science in Information Technology
American InterContinental University
Graduated 2005

Skills

Core Java, Git, GitHub, JUnit, DBUnit, RestAssured Maven, Spring Boot, Spring Security, Spring Framework Core, Spring Framework MVC, Spring Framework Web Services Spring Batch, Verifone POS Terminals, XML, JSON, YML, Bash, SQL, MySQL, MariaDB, MS SQL Server, PostgresQL, Automic Scheduler, MyBatis (1 year)

Node.JS, NPM, Yarn, Angular JS (2 years)
HTML 5, CSS, SCRUM, JavaScript, JQuery, GIMP
Technical Documentation, MS Office Suite

Eager to learn and deliver business value using new languages, frameworks, paradigms across the entire stack.