

DIANA AGUDELO

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JAVA DEVELOPER

Accomplished Java Developer with over a three years of hands on Java development and over 5 years of experience as a Systems Analyst and in Software development lifecycle. Participated as a key contributor to the software development lifecycle for numerous applications and systems. Adept at gathering and analyzing requirements to determine customer needs and define technical specifications. Proven ability to collaborate with cross-functional teams to drive achievement of project goals. Talented at ensuring quality and functionality of final deliverables through test case development, troubleshooting, and debugging.

Key Skills

• Java Programming • Test Case Development • Test Automation • Troubleshooting • Web Application Development • Application Integration • Systems Analysis • Requirements Gathering and Ambiguity Analysis • Project Coordination • Reporting • Information Management

Languages: Core Java

Web: HTML, CSS, JavaScript

APIs: EJB, JPA, JSP, Servlets, JPQL

Frameworks: Java EE 7, Spring

Databases: Microsoft SQL, Postgres, DB2

Tools: TOAD, Quality Center, UML, Eclipse, Netbeans, GIT, SVN, Selenium, Jira, Zira.

SDLC Methodologies: RUP, SCRUM

Platforms: Linux, Windows

EDUCATION

Master of Science in Computer Science (Dec 2015)

Maharishi University of Management – Fairfield, Iowa

Bachelor of Science in Systems Engineering (2008)

University EAFIT – Medellin, Colombia

Professional Development

ITIL v3 Foundation Certification

PROFESSIONAL EXPERIENCE

1. Hewlett-Packard Enterprise, Pleasanton, CA • 09-2014 to 2020

Software Engineer (2016-2020)

Focused on implementing solutions for HPE's Digital Safe application that involve data transformation from different formats such as XML, excel and others to EML using mainly Java. The role also required the creation of different scripts to process and read logs and/or execute different processes.

SVC-ITO Service Delivery (2014-2016)

Involved in the UAT stage as part of the implementation team, guaranteeing the successful go live of HP SaaS products for different Clients. HPE products implemented: Supervisor, Digital Safe, Audit Center, IDOL and Lucene.

Responsibilities:

- Generating Scripts to automate tests (vb Script, Java, bash).
- Implementation of iSTF (Automation Testing Framework- java based)
- Manual Testing
- Preparation of Test Cases, Test Plan, parametrization of data, reporting defects.
- Troubleshooting errors, monitoring logs.
- Implementing-Installing new software versions, patches, and releases.
- Implementing software configurations to the different tools in order to fit the client's needs.
- Monitoring system performance of implementations for new clients.
- Maintain direct communication with different clients and guarantee the success of the release, solving errors and reporting bugs that might come up during UAT stage.
- Perform queries and perform data-testing within different data bases (mysql, postgres, DB2).

Key Projects:

- **Implemented iSTF:** worked on the implementation and adapting the a new testing Framework in order to automate test cases for all the applications (Supervisor, Digital Safe, Audit Center, Digital Safe Discovery, Retention Management).
- **Implementation of releases for new clients:** successfully released the implementation of Supervisor, Digital Safe and Audit Center for different clients such as TD bank, North Western Mutual, Shell Deutsche Bank among other financial institutions. These tools provide monitoring of electronic communications based on a specific criteria allowing companies to monitor their employees when needed and providing the necessary support to follow standards and law requirements.
- **Implemented UFT (unified Functional testing):** Implemented the use of a new testing tool in order to automate test cases for all the applications (Supervisor, Digital Safe, Audit Center, Digital Safe Discovery, Retention Management).

Languages/Tools used: Core Java, iSTF framework, Microsoft SQL, Postgres, vbScript, Selenium web driver, UFT, bash, MS Excel, MS Word, TOAD, UML, Eclipse, Jira, Zira, Linux, Windows.

2. BANCOLOMBIA, Medellin, Colombia • 2009-2013

Top-ranking Colombian financial services institution.

Systems Analyst / Product Manager.

Contributed to development of credit card application solutions, including integration with legacy software and redesign internal processes. Participated gathering requirements and preparing technical designs in alignment with functional requirements and supplier information. Participated with clients and final users defining requirements. Liaised with suppliers to monitor daily activities in alignment with established work plans and technical requirements. Reviewed and approved estimates and quotes. Acted as technical resource for end-to-end solutions

design and delivery involving different technologies for credit card Applications such as SAP, Salesforce and others. Participated in solutions architecture design and integration for all software components. Collaborated across cross-functional internal technical teams to optimize usability and cost efficiency for all applications. Evaluated final deliverables against requirements, model use cases for testing and addressed any outstanding issues. Authored, published, and distributed technical documentation, manuals, and guides. Handled IT support training on all new applications.

Selected Achievements:

- Successfully led design and development of the new credit card reward system application, including integration with the legacy program.
- Acted as key expert on the new credit card reward system.
- Maintained information confidentiality on highly sensitive projects involving legal entities in Colombia.
- Optimized efficiencies through effective task and project prioritization.

Key Projects:

- **Project Lead for Reward System:** Modified new software for a client miles / reward point system for credit card customers for over four million clients, ensuring technical implementation of new features and requirements while preserving key functionality of previous versions.
- **Project Lead for Report Changes on Credit-Debit Cards:** Implemented a method and system for responding to client change requests on credit cards, building a process and technical specifications while maintaining compliance with bank security protocols for both credit card and debit card clients.
- **Project Lead for reporting Legal Department:** Developed the pre-software architecture, design and code review for a system targeted to transfer information from the credit card department to diverse departments, in compliance with requirements from Colombian legal entities. Maintained compliance with governmental and bank requirements.

Tools used: Core Java, MVC pattern, Microsoft SQL, MS Excel, MS Word, TOAD, Quality Center, UML, Eclipse, Netbeans, Harvest, RUP, SCRUM, iSeries.

ADDITIONAL ROLES

- **IT Analyst, Knowledge Management Solutions (2008-2009):** Gathered requirements and participated on the development team to deploy IBM tool balanced scorecard reporting. Integrated the solution into client systems for a customer in the dental industry. Tools include Java, WebSphere application Server, and IBM Balance Score Card.
- **Intern / Systems Analyst, Eureka FACTS (2007-2008):** Liaised with customers to identify requirements and create complex surveys programmed in HTML and a proprietary survey design tool. Managed and maintained the company website. Evaluated, selected, and deployed Salesforce CRM as the platform for the company Presidential Classroom.