

Senior Software Developer and Team Lead Senior Software Developer and Team Lead Senior Software Developer and Team Lead - Morgan Stanley Hicksville, NY Work Experience Senior Software Developer and Team Lead Morgan Stanley - New York, NY July 2013 to Present 10019

Developer / team lead at Credit Risk IT Department, responsibility includes requirement analysis, technical design and implementation. The development team of 6 leverages agile software development principles, and consistently meet and exceed tight product delivery schedules.

Architected and implemented all tiers of a comprehensive Stress Testing application, allowing the firm to fully automate the calculation of Lending and Counterparty stressed losses for Federal Reserve regulatory Comprehensive Capital Analysis and Review (CCAR) submissions. Application was extended to support business as usual reporting requirements due to its extensibility and positive user experience

Designed and developed data quality adjustment tool to allow business teams to address data quality issues via an intuitive web-based application

Designed and developed a reusable and extensible data processing framework to consume inbound data in different formats, including Microsoft Excel and Google Protocol Buffers, with data quality validation and business rules checking features built in. This framework greatly facilitated data exchange between Credit Risk IT and other departments

Built service gateway and integrated software application with external systems through Web and RESTful services

Built a centralized platform to allow the execution of business models written in various programming language including Python, R, Matlab online

Maintain and support existing credit risk software applications, and improved run time of time-sensitive batch processes by more than 50% by enhancing parallelism and migrating to in house PaaS (Treadmill)

Deliver IT solution presentations and product demo to engage users and collect feedbacks during software development process

Collaborate with cross-functional teams including QA, System Ops, and Business Analysts for software releases and infrastructure upgrades

Technologies: Java 8, J2EE, Ext JS, JDBC, SQL, Spring, Redis, Python, R, Matlab, Ehcache, Unit Test, Web Services, Autosys, PaaS (Treadmill), REST/JSON, HTML, XML, XSLT, CSS, JavaScript, Ajax, Ext JS, UML, Ivy, Perforce, Swagger, Crucible, Jenkins, Firmdist (in-house Docker), CPS (in-house message broker)

Environment: Linux, Eclipse, IntelliJ,

IBM DB2, Tomcat Lead Java Developer American Express Publishing - New York, NY January 2012 to July 2013 10036 Designed and implemented Editorial Tracking System with Spring framework and J2EE technology. Application is used heavily by editors to manage daily activities, including publication workflow management, assignments management and contract generation Revamped core business applications portfolio using J2EE and Spring framework to create more scalable and maintainable software systems Led technical team of 2 developers through complete SDLC - Requirement Analysis, Design, Development, and Testing Implemented all layers of web applications including DAOs, Services, Controllers and View Designed and implemented RESTful API for mobile applications Integrated different business applications using file sharing and XML messaging Collaborated with various business owners and suggested new solutions for streamlining and improving processes Technologies: Java 7, J2EE, JSP, JSTL, JDBC, SQL, Spring MVC, Spring JDBC, Hibernate, Ehcache, Web Services, REST/JSON, ColdFusion, HTML, XML, XSLT, CSS, JavaScript, jQuery, jQuery Mobile, Ajax, UML, Maven, SVN, Microsoft SharePoint

Environment: Windows, Eclipse, Microsoft SQL Server, Tomcat, JBoss Senior Java Developer SynaMed - New York, NY July 2007 to December 2011 10018 Participated in full system development life cycle of the multi-tier web-based Electronic Medical Records and Practice Management System built with J2EE technology and Struts framework Developed SOAP web service with Apache Axis2 to establish interfaces with business partners and enhance application functionality Migrated entire system to Amazon Cloud and implemented database sharding to improve scalability Improved user experience with the system significantly by integrating Ajax technology into existing software infrastructure to produce highly dynamic and consistent webpages

Evaluated software requirements and wrote technical specifications for junior developers Refactored codes and optimized SQL queries to enhance system performance Co-managed offshore development team to provide new system module instructions and bug-fixing guidance Technologies: Java, J2EE, JSP, JDBC, SQL, Struts, Web Services, XML Messaging, SOAP, REST, iText, HTML, XML, XSLT, SAX, JDOM, JAXB, CSS, JavaScript, jQuery, YUI, Ajax, UML, Ant, CVS, SVN, Shell scripting Environment: Linux, Windows, Vi, Eclipse, Dreamweaver, MySQL, Tomcat,

Resin Java Developer Lake 5 Media - New York, NY June 2006 to July 2007 10022    Used J2EE technology to develop and maintain the multi-tier web-based Media Analysis System to offer a broad set of tools, information and analytical applications in the area of competitive analysis, optimization, flowcharting and media inventory analysis    Designed and implemented application to efficiently analyze a large set of media data, and present the result visually with graphs and charts to assist clients making investment decisions    Implemented user front-end using JSP/HTML/CSS/JavaScript    Optimized algorithms and complex codes    Examined and improved slow SQL queries    Analyzed system requirements and coordinated with other developers to write system specifications    Investigated system bugs and proposed fix plans    Technologies: Java, J2EE, JDBC, SQL, JSP, HTML, CSS, JavaScript, JFreeChart, CVS    Environment: Linux, Windows, JBuilder, HomeSite, Sybase, Toad, Tomcat Education B.S. in Computer Science & Applied Mathematics & Statistics Stony Brook University - Stony Brook, NY May 2006 Skills C++, Docker, Git, Html, Javascript, Jenkins, Python, Svn, Xml, Xslt, Ajax, Css, Tomcat, Eclipse, J2ee, J2se, Java, Hibernate, Spring, Jboss Additional Information TECHNICAL SKILLS    Languages: Java (J2SE, J2EE), JavaScript, SQL, Python, Scala, C, C++    Java Technology: Spring, Spring Boot, AOP, Hibernate, Struts, JSP    Database: DB2, MySQL, Microsoft SQL Server, Sybase, Oracle, MongoDB    Web: HTML, CSS, XML, XSLT, jQuery, Ext JS, YUI, Ajax    Integration: REST, SOAP, JMS, RabbitMQ, Autosys    Deployment: Tomcat, JBoss, Resi, Docker, Jenkins, AWS    Tools/IDE: Eclipse, IntelliJ, NetBeans, JBuilder, vim, Ant, Maven, Ivy, JIRA, Crucible    Source Control: Perforce, SVN, CVS, Git    Platforms: Linux/Unix, Microsoft Windows, OSX

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