

Development Engineer Development Engineer Development Engineer Edison, NJ Work Experience

Development Engineer Prudential Financial PGIM August 2016 to December 2016 Familiarize with C++ to help do position fixing and pricing for in house trading systems(Calypso and Summit). Used Java to help build interfaces for trading systems to communicate with eachother to exchange trade information. Familiarized myself with trading concepts, collateral management, pricing, profit and loss calculations. Developed tests. Software Developer Thomson Reuters FXall May 2015 to June 2016 Used Core Java, Python, and Java Swing to develop currency trading application. Used Java Swing APIs to develop a user rich interface. Applied object oriented principles and multithreading principles to make code more readable and efficient. Implemented algorithms in Java using Data Structures and Collections Framework Developed test cases using JUnit testing. Familiarized myself with different trading concepts in Foreign Exchange. Responsible for development of new features in trading application including different types of orders, user preferences saving, sound alerts. Used Eclipse efficiently for debugging application. Implemented Singleton, factory design pattern and MVC Responsible for documenting technical specifications Core java fundamentals were used to create static utility classes, comparators, generics, collections, extending abstract classes and implementing interfaces after injection. Designed and coded application components in an agile environment utilizing a test driven development approach. Used Jira for bug tracking and GIT for source control. Software Consultant/ Java Development Lotus LLC February 2015 to April 2015 Worked on development of Hibernate, including mapping files, configuration file and classes to interact with the database. Wrote code to parse information from sites into Excel. Calculate risk and predict market trends with regards to data. Software Engineer/ Java Development Dovetail Systems August 2013 to December 2014 Designed and developed the applications using Core Java: requirement study, software design, and development. Developed the Java Code using Eclipse. Maintained the source code using Mercurial. Configured, administered, and participated in the upgrade of Atlassian - including workflow management, documentation, repository management, debugging, and maintenance of all tools. Integrated Jenkins Continuous Integration (CI) to perform daily build

of Dev server. Worked with Hudson and Jenkins Build tools, including job migration, administering these tools using SHELL and Groovy scripting. Creation of Test plans. Development and coding of Test classes and Test Cases. Preparation of the Detailed Design document for the project by developing business process flows, requirements definition, use cases, and object model. Used Maven for building the application, and completed testing by deploying on application server. Utilized Agile Scrum to manage full life-cycle development of the project. Involved in configuring JNDI properties and used Data Source objects for database communication. Experience in developing asynchronous messaging systems using JMS, MDB and MQ Series. Designed and developed base classes, framework classes and common re-usable components. Used JIRA for bug tracking, issue tracking and project management. Java Development/Engineer Addteq LLC July 2012 to August 2013. Participated in in-house projects for developing, debugging, and deploying applications. Involved in design, development, testing and implementation of the process systems, working on iterative life cycles business requirements, and creating Detail Design Document. Using agile methodologies to plan work for every iteration and used continuous integration tool to make the build passes before deploying the code to other environments. Assisted in implementation of agile software development practices such as test-driven development, continuous integration, acceptance test driven-development and continuous delivery. Developed JSPs and Servlets using MVC Framework. Wrote Perl Scripts for Database Interfacing and Common Gateway Interfacing. Used Core Java to design and develop applications. Gained familiarity with Collections Framework and Multithreading. Education BA in Mathematics Rutgers University September 2008 to May 2012 Skills Bea, Eclipse, J2ee, J2se, Java, Java technologies, Spring, Wsdl, C++, Git, Groovy, Html, Javascript, Jenkins, Object oriented, Perl, Python, Scripting, Subversion, Svn Additional Information Skills Java Technologies: J2SE 5.0, J2EE 1.4, JavaScript, SQL, Swing, Spring, ANT, Maven, Jenkins, Hudson, Core Java, Collections, I/O, Multithreading, Data Structures, Algorithms Other Technologies: C++, Shell Scripting(Bash and Korn), Perl, MatLab, Groovy, Object Oriented Principles, MS Office, MS Excel, MS Access, VBA, R Programming, Basic Python Web technologies: HTML, XML, XSD, Web services, Tomcat

Application Servers: BEA Web logic 8.1, IBM Web Sphere 9.2 Databases: Oracle10G, DB2, MS Access, SQL Server, MySQL, PostGreSQL Development Tools: Eclipse 3.1.0, Ant, WSAD, RAD, MS-VSS, Tortoise SVN, SQL Developer Operating Systems: Windows, Linux CentOS, RedHat, Fedora, Ubuntu Source Code Control: Subversion, Mercurial, CVS, Git

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