Rakesh Reddy Munagala

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| Professional Summary | * Over **2 years of experience** in Banking domain (Counter Party Credit Risk) as a Java developer. * Currently working with **HCL Technologies, Bangalore**. * Experience in Requirement & Technical Analysis, Design and Implementation of various applications using Core Java/J2EE technologies and frameworks such as Spring. * Worked in an SAFe Agile based development methodology. * Hands-on experience in developing standalone applications and knowledge of messaging systems such as JMS. * Excellent in problem solving, troubleshooting, and written documentation skills, Self-motivated, quick learner and hardworking, making it easy to handle multiple demands and competing priorities. * Hands on experience in Production support of various applications, Server Configuration and Interaction with Client. |
| Technical Expertise | |  |  | | --- | --- | | **Language** | Core Java, OOP, SQL, Unix | | **Web Tools** | JSP, Servlet | | **Databases** | Oracle SQL | | **Framework** | Spring Core, Hibernate | | **IDEs** | Eclipse, SQL Developer, Putty | | **Operating Systems** | Windows, UNIX | | **Others** | SAFe Agile Model, Apache Maven, Team city, Log4j, GitHub/Bit Bucket, JIRA, Confluence, Junit, JMS, spring mvc, Apache Tomcat | | |
| Employment Recital | * Working with **HCL Technologies, Bangalore** from 23rd October 2017 till Date. | | |

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| Professional Experience | **HCL Technologies – From 2017 Jan – Till Date**  Designation : Software Engineer  **Projects :**  1. MATRIX - CREDIT RISK ENGINE  TOOLS USED: **Java/J2EE, Spring Core, Eclipse, SQL developer, JIRA, Confluence, TeamCity, UNIX, Unix shell scripting, Log4j, GitHub/Bit Bucket, CITRIX, Apache Tomcat.**  Domain: **Banking (Equity and Derivatives Market) – Credit Risk Management**  Role: **Developer**  Client: **Deutsche Bank AG, Germany**  DB Risk Matrix is a credit risk reporting system that generates daily credit exposure reports, which are verified and signed off by the risk controlling group before being loaded into the downstream systems. **Credit Risk** is the risk of loss due to a counter party failing to fulfil its contractual obligations with the Bank  Matrix collects daily trade feeds of different derivative products from various source systems during its overnight run. Along with the trade economics the market data and the counterparty information is also loaded into Matrix system. In the case of EPE calculation engine, feed data is also loaded from a feed consolidation application called FCL. The UPG component creates real life scenarios as paths which are used by valuation engine component to value the trade exposure by making use of trade economics, market data and the counterparty info which are loaded via FCL. The trade exposures are stored in form of matrix and reported to the business.  **Key Responsibilities:**   * Performed technical analysis, construction and unit testing for all the requirements assigned. Supported the development lifecycle. * Worked on the enhancements to various modules of Matrix NG- Unified Path Generation (UPG), Aggregation and Reporting. * Worked on client requested enhancements (JIRA’s) and bug fixes within stipulated timelines. * Modifications to the methodologies as required, used for the accurate and regulatory compliant calculation of future exposures of the underlying assets [Brownian bridge approach, Monte Carlo Simulation]. * Creation of jobs in Team city to facilitate automatic builds. * Involved in client interaction. * Created new module for Trade reporting via XML and performed XML Parsing using   Parsers like SAX Parser.   * Designed Unit Test cases and implemented methods to execute the designed test cases and achieve the required code coverage for production deployment. * Worked in an SAFe Agile based development methodology, with frequent sprint meetings hosted by the scrum master, huddle meetings, daily status class and project retrospection, program increment(PI) meetings. * Performed Unit testing of the developed components and provided support during UAT. * Participated in Pre-Production regression testing. * Provided support for Production issue along with L3. | | |
| Education | **B-Tech in COMPUTER SCIENCE Engineering**– (2011 – 2015) – 68.6% – vIGNAN INSTITUTE OF TECHNOLOGY AND AERONAUTICAL ENGINEERING(JNTU), HYDERABAD.   * 12th MPC(2011) – 87.2%– Narayana junior college Vanasthalipuram, hyderabad. * 10th SSC(2009) – 84.8%– Zilla PArishad high school aregudem, NALAGONDA. | |
| Personal Profile | | |  |  | | --- | --- | | **Date of Birth** | February 04th 1994 | | **Gender** | Male | | **Marital status** | Single | | **Nationality** | Indian | |
| Declaration | I hereby declare that the particulars mentioned above are true to the best of my knowledge.  Yours Sincerely,  **Rakesh Reddy Munagala** | |