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Description automatically generated**KUSUMANJALI**

**Email - [rahul@srimatech.com](mailto:rahul@srimatech.com)**

**LinkedIn:** www.linkedin.com/in/kanjali-991244315

**Ph no.:** +1 470-768-7143

**PROFESSIONAL SUMMARY**

* Experienced and meticulous Guidewire Developer with 7+ years in designing, developing, and implementing Guidewire solutions for the insurance sector.
* Proficient in analyzing client requirements and configuring user interfaces using Guidewire Page Configuration Files (PCF).
* Extensive involvement in coding and designing various Guidewire components, including PCFs, plugins, workflows, batch jobs, product models, and other Guidewire Suite components.
* Significant experience with Policy Center (8.x & above) and Billing Center (8.x & above).
* Worked with Data Model entities such as subtypes, type lists, and extensions, with a strong understanding of Guidewire configuration, including screen modifications, rules, activities, assignments, and administrative data.
* Skilled in all phases of the Software Development Life Cycle (SDLC), including requirements gathering, analysis, design, documentation, development, integration, testing, troubleshooting, implementation, and maintenance.
* Experience in developing and customizing APIs using REST/SOAP and microservices architecture to enhance system interoperability and scalability, leveraging the EAPA framework for improved modularity.
* Proficient in developing comprehensive web applications using Java, J2EE, Struts, Spring, jQuery, and hibernate.
* Automated build and deployment processes using Jenkins, Git, and Maven for enhanced DevOps efficiency.
* Knowledgeable and experienced with Object-Relational Mapping frameworks such as Hibernate and JPA.
* Strong understanding of design patterns and proficiency in UNIX, shell scripting, and batch processing/jobs.
* Handled bulk invoice file transfers, validation, and claim payment creation within BillingCenter, ensuring accurate and timely processing of vendor invoices and payment communications.
* Extensive experience with relational databases like Oracle, DB2 and MS SQL. Strong understanding of database design principles, normalization, and relationships.
* Experience in developing batch processing workflows and optimized data ingestion and transformation to handle large-scale operations with minimal downtime.
* Skilled in developing reusable components for cross-cutting concerns such as logging, build management, transaction management, and testing frameworks using JUnit to enhance productivity, maintenance, and software quality.
* Experienced in Agile development methodologies (SCRUM, Kanban) for improved responsiveness.
* Proven ability in estimating, planning, and tracking development tasks, ensuring adherence to project timelines and deliverables.
* Experience working with business analysts and stakeholders to gather and refine requirements for P&C insurance products, translating them into technical specifications for Guidewire applications.

**EDUCATION**

B. Tech in Computer Science | BVRITH, HYDERABAD – JNTUH, INDIA | JUN 2018

MS in Computers and Information Sciences | Wichita State University, KS | DEC 2022

**CERTIFICATIONS**

**Guidewire Certified Associate - InsuranceSuite Developer - Elysian, Jasper**

**Guidewire Certified Specialist – PolicyCenter Configuration – Elysian, Jasper**

**TECHNICAL SKILLS**

**Programming:** Java, SQL, Gosu, XML

**API Development:** RESTful APIs, SOAP, Swagger for API documentation

**Frameworks:** Spring Boot, EAPA Framework, Hibernate, HTML, CSS

**Database:** MS SQL Server, Oracle, DB2

**Configuration Tools**: IntelliJ IDEA, Oracle SQL Developer, workbench, MS Visio, and Guidewire studio

**Integration Tools**: Postman, MuleSoft, JMS, Kafka, Guidewire Integration Modules (GX Models, GX Mapping), Docker and Kubernetes

**Web & Application Servers:** Web Sphere, Web Logic, and Tomcat, JBoss

**Unit Testing:** Junit, TestNG, Gunit

**Methodologies:** Agile (Scrum, Kanban)

**PROFESSIONAL EXPERIENCE**

**Client: [Shelter Insurance](https://en.wikipedia.org/wiki/Shelter_Insurance), Missouri Sep 2022 - Present**

**Guidewire Developer**

* Configured and integrated Guidewire PolicyCenter. Hands-on experience in both configuration and integration, delivering seamless and efficient P&C insurance solutions.
* Performed policy migration and data mapping from legacy systems to Guidewire PolicyCenter, ensuring data accuracy and integrity using PMT.
* Integrated PolicyCenter with third-party systems using SOAP/REST web services, improving data flow and operational efficiency.
* Developed stored procedures for DB2 and MS SQL databases, utilizing JDBC for efficient data extraction, updates, and retrieval.
* Designed and implemented batch processing workflows for handling large volumes of data with optimized performance and minimal downtime.
* Leveraged the EAPA framework and microservices architecture to build robust, scalable, and reusable services, improving system modularity and maintainability.
* Managed complex batch jobs for data ingestion, transformation, and reporting within Guidewire environments, ensuring optimized performance and resource usage.
* Set up and managed multi-line P&C insurance products in Guidewire PolicyCenter, allowing seamless administration and policy management across different insurance types.
* Developed and maintained PolicyCenter batch processes, ensuring timely and accurate data processing.
* Leveraged J2EE components such as Servlets and JSPs to build and enhance Guidewire applications, improving functionality and user experience.
* Monitored and troubleshot integration failures between PolicyCenter and external systems (billing, claims, rating engines, third-party APIs).
* Integrated APD-configured products with third-party underwriting tools via REST APIs. Ensured that APD-generated product models were aligned with BillingCenter for proper invoicing and premium calculations.
* Created and maintained billing inquiry APIs to transmit installment schedules, payment history, and billing details, ensuring synchronization between Guidewire systems.
* Designed and documented robust **API specifications using Swagger**, enabling streamlined collaboration between development teams and efficient integration processes.
* Built and optimized internal and external integrations using Guidewire’s EDGE APIs and extended models for domain-driven API solutions.
* Designed and maintained Docker images for Guidewire services, ensuring optimized, secure, and reproducible builds for different application environments.
* Implemented Kubernetes for container orchestration, managing and scaling PolicyCenter application across multiple nodes.
* Created functionalities to cancel or add policies to account bills, writing pre-update rules, event messages, and message transport plugins for scenarios like premium and non-payment changes from the policy center.
* Conducted peer code reviews and implemented best practices in G-unit testing to maintain high-quality, standards-compliant code.
* Used Guidewire Logger, Kibana, and Splunk for proactive monitoring and debugging of PolicyCenter logs.
* Collaborated with business teams to identify and resolve data inconsistencies and transaction failures in PolicyCenter.

**Client: CoverFox, India Jun 2019 – Jul 2021**

**Guidewire Integration Developer**

* Developed a workflow within the Claim Center to manage the status of check printing requests and responses using pre-update rules and messaging plug-ins.
* I actively participated in writing specifications, software development, debugging, and testing.
* Created and edited individual rules, PCF pages, workflows, entity names, and display keys. Led the design and development of configuration modules for work plan activities, scheduler tasks, exposures, business rules, Claim Center UI changes, Billing Center UI changes, etc.
* Created widgets and configured their attributes, such as widget values and dropdown contents. Configured Policy Center with advanced document/imaging support, new screens, revised assignment logic, and other standard rules/screen/UI changes.
* Implemented RESTful web services to enable communication between distributed systems, ensuring scalable, maintainable, and stateless architectures.
* Configured Policy Center for all lines of business offered by Confidential Insurance.
* Designed and architected new functionalities for various user stories related to the Policy Center system.
* Designed and developed integration solutions between PolicyCenter, enhancing customer data synchronization and communication.
* Conducted thorough unit testing and debugging using JUnit and other testing frameworks to ensure the accuracy and reliability of Java code in Guidewire applications.
* Conducted performance tuning of BillingCenter applications, improving system response times, reducing downtime, and ensuring efficient handling of large billing data sets.
* Developed unit test cases and tested the interfaces. Participated in module testing and integration testing.
* Developed the Claim Payments integration between the Claim Center and the bank, including generating check stubs, sending checks to claimants, generating/sending Positive Pay files, and NACHA files for EFT payments to the bank.
* Implemented deployment procedures for J2EE applications and code on JBoss Application Server. Developed web applications based on the J2EE Struts framework.
* Implemented batch processing workflows using Spring Batch to handle large data volumes efficiently with fault tolerance, restart capabilities, and logging.
* Implemented Docker Compose configurations for local development of Guidewire components, enabling efficient testing and troubleshooting.
* Integrated Kubernetes ConfigMaps and Secrets to manage configuration data and sensitive information for Guidewire applications securely.
* Possessed working knowledge of all phases of the Software Development Life Cycle, including proposal, requirement analysis, design, development, testing, deployment, and support.
* Configured Apache and OHS web server plugins for load balancing and high availability of WebLogic servers. Monitored error logs, resolved issues, and tuned parameters on Application Servers like WebLogic/WebSphere.
* Handled database connectivity using the JDBC database and connection pools. Managed and monitored JVM performance through WebLogic heap size, garbage collection, and JDBC pools.

**Client: Max life Insurance, India Aug 2017 – May 2019**

**Junior Java Developer**

* Participated in all stages of the software life cycle, including analysis, design, coding, implementation, review, unit testing, feature testing, design verification testing, and system testing.
* Generated a list of objects using HashSet to retrieve values from the database.
* Utilized JSON for communication between the user interface and web service requests and responses.
* Employed JUnit and Eclipse IDE for unit testing various modules.
* Worked on Java (Spring Boot) to develop RESTful APIs for enterprise-level applications, optimizing response times and API security using OAuth2 and JWT.
* Served as the main contact for database-related activities, including developing and creating tables, procedures, and functions for team developers.
* Applied object-oriented principles to develop robust and maintainable code using Java.
* Handled both client-side and server-side validation for the modules.
* Took an active role in application design, creating use case diagrams, class diagrams, and sequence diagrams using UML. Provided production support by fixing production issues and bugs.
* Created Proofs for initial proposals and developed prototypes for the user interface to initiate the project.