**​​Ram Kotni​**

​​AGILE PLM TECHNO FUNCTIONAL consultant​

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**Objective**

**​​**To obtain a challenging Agile PLM Techno Functional Consultant position in a dynamic and innovative organization where I can use my technical and analytical skills.

**Professional Summary**

Shape ​​

* 16 years of IT experience in analysis, design, development, documentation, implementation, and testing of software systems in **Java, J2EE**, and Internet technologies
* Proficient in **Oracle Cloud PLM, Oracle** **Agile PLM, PC, PPM, PQM, and PG&C** modules, with comprehensive experience in their configuration, customization, integrations, and data migration.
* Proficient in **AWS services** including AWS EC2, S3, Lambda, CodePipeline, CloudWatch, ECS EKS, IAM, CodeBuild, CodeDeploy and other services.
* Experience in Gitlab, Jenkins, Docker, Kubernetes, and PCF
* Experience with Agile development and Scrum lifecycle practices and good experience in pair programming, TDD, BDD, CI/CD.
* I am a highly self-motivated and goal-oriented professional with a valuable experience in Java, Spring, **Spring Boot, Spring MVC**, Spring Data, JPA, Web services, **Micro-services**, Design patterns, Servlets, JSP, JSF, Struts, Hibernate, **Angular, React and NodeJS.**
* Hands-on experience in Requirement Analysis, High-level design using Design Patterns, and Object-Oriented Programming.
* Efficient use of various design patterns such as MVC, Singleton, Builder, DAO Data Access Object, DTO Data Transfer Object, Business Delegate, and Micro Services Patterns such as SAGA, Circuit Braker and CQRS.
* Experience working with Kafka as both Consumers and Producers and as well as JMS MQ Queues to transmit messages to downstream applications.
* Experience in both Cloud Native and Traditional approaches using Bit Bucket, Git, Gitlab, TFS, Jenkins

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**Technical Skills**

* **Oracle Cloud PLM:** Product Development, Innovation Management, Product Data Hub.
* **Oracle Agile PLM & Tools**: Agile SDK, ACS, **PC, PQM(QMS), PPM**, PG&C, and PCM, PLM Mobile Client, ZWS, PTC Windchill.
* **Cloud Technologies**: Kubernetes (PKS), PCF, AWS EC2, S3, Lambda, CodePipeline, CloudWatch, ECS EKS, IAM, AWS CodeBuild, CodeDeploy and other services.
* **Frameworks & Tools**: Java, J2EE, Microservices, C, C++, Spring Boot, Hibernate, JSF, Struts, ICE faces, Apache Kafka, MQ, JMS, Web Services, Jmeter, Neo Load, Log4j, Selenium, Junit, TestNG, SOAP UI, Swagger, Postman, Jersey, Bash. Remedy, Service Now, DevOps CI/CD
* **Version Control Tools**: git, GitLab, TFS, CVS
* **Operating Systems**: Windows, Linux, Sun Solaris, AIX
* **Application Servers**: IBM WebSphere, WebLogic Server, Jboss, Tomcat
* **IDE**: IBM RAD, Easy Eclipse, IBM WSAD, NetBeans5.5, Eclipse, MyEclipse, Win SCP, File Zilla
* **Data Bases**: Oracle, Mongo DB, Neo4J, Redis Cache, MS-SQL Server, Postgres-SQL, MySQL
* **UI/Frontend**: Angular, React, NodeJS, JavaScript, JSP, jQuery.
* **UML**: Draw IO, Microsoft Visio, Rational Rose
* **Build Tools**: Jenkins, Ant 1.6, Make, Cruise Control, Maven
* **Code Analysis Tools**: Sonar Qube, Check Marx, Black Duck, Find Bugs, Eclemma, PMD, Fortify

**​​Experience​**

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**​​****Amazon Robotics, Boston, US | ARPLM Technical Consultant ​​| Feb2023 – PRESENT​**

* Developed and implemented AR Agile PLM customizations, enhancing system functionality and tailoring the platform to meet specific business requirements, resulting in a 25% increase in user satisfaction.
* Developed and maintained enterprise-level Java applications, including web-based systems and backend services, enhancing system performance by 30%.
* Implemented AWS services including AWS EC2, S3, Lambda, CodePipeline, CloudWatch, ECS EKS, IAM, CodeBuild, CodeDeploy to streamline operations and reduce costs by 20%.
* Collaborated with architects and team members to design scalable solutions that meet technical and business requirements, improving project delivery times by 25%.
* Delivered technical support and assistance to end-users, effectively troubleshooting and resolving bugs, resulting in a 30% reduction in reported issues.
* Documented software designs, code implementations, and technical specifications to facilitate knowledge sharing and future maintenance.
* Supported Agile PLM operational activities, resolving SIMT tickets efficiently, and improving system reliability.
* Led data transfer projects from Agile to Oracle EBS via IHUB, overcoming integration challenges and ensuring data integrity.
* Implemented AR Agile PLM configurations including MCM on mass update tasks and SMTP, LDAP host changes, ensuring seamless operations.
* Executed PROD health check test scenarios during patching and restart operations, maintaining system stability and performance.
* Authored and executed test cases for all PXs in lower environments as part of the Pelican project.
* Documented software designs, code implementations, and technical specifications, significantly improving knowledge sharing and reducing future maintenance time by 20%.
* Developed comprehensive Agile PLM and IHUB runbook documentation, enhancing operational efficiency and reducing onboarding time for new team members by 25%.
* Conducted root cause analysis and documented findings in Quip, leading to a 30% decrease in recurring issues and more efficient problem resolution.
* Coordinate with offshore and onshore teams, ensuring common challenges and daily ticket updates are discussed.
* Coordinated with offshore and onshore teams, ensuring common challenges were addressed and daily ticket updates were communicated, which improved issue resolution times by 30%.

**Biogen, North Carolina, US | Principal Software Engineer ​​| Jun2022 – Jan2023**

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* Developed server-side applications to interact with databases using Spring Boot Frameworks, enhancing data processing efficiency by 25%.
* Developed and deployed backend APIs using Microservices architecture and created frontend pages with Sencha and Angular Frameworks, leading to a 20% increase in application performance.
* Designed and constructed a robust framework to consume web services hosted in Amazon EC2 instances, improving data retrieval speed by 30%.
* Collaborated with internal teams to migrate legacy systems to the AWS cloud, resulting in a 40% reduction in operational costs.
* Deployed applications on Elastic Beanstalk, streamlining the deployment process and reducing time to market by 15%.
* Executed Junit Test cases, ensuring high-quality code and reducing bugs by 25%.
* Operated within an agile framework, collaborating with business and research teams in story grooming, reviewing story/acceptance criteria, and establishing performance metrics, which improved project delivery times by 20%.
* Partnered closely with Architects for requirement analysis and designing engineering solutions for complex business problems, achieving a 30% improvement in solution effectiveness.
* Implemented and deployed Oracle Agile PLM customizations, enhancing system capabilities and user satisfaction by 25%.
* Developed and executed URL PX, Custom Action, and Events, resolving production issues and enhancing system stability by 20%.
* Led support release implementation and documentation, improving release quality and reducing post-deployment issues by 15%.
* Created deployment scripts for all releases, ensuring smooth and reliable deployments, which decreased deployment failures by 30%.
* Designed and developed prototypes, demos, and final solutions, which accelerated stakeholder buy-in and project approvals.
* Conducted analysis and prepared estimates and schedules, prioritizing requirements for Quarterly releases, resulting in a 20% improvement in project delivery timelines.
* Utilized SharePoint to track progress, enhancing project visibility and communication efficiency across teams.

**Dell Technologies | Principal Software Engineer ​​| Jul2015 – May2022**

* Mastered Java programming language, with expertise in core Java concepts like data structures, algorithms, and multithreading, resulting in optimized application performance and reliability.
* Utilized Java EE technologies such as Servlets, JSP, JDBC, and JPA/Hibernate to develop robust, scalable web-based applications, improving user experience and data management efficiency by 30%.
* Applied Spring Framework for dependency injection and MVC architecture, integrating various Java technologies to enhance application flexibility and maintainability.
* Demonstrated proficiency in web development technologies including Angular, HTML, CSS, JavaScript, and Ajax, resulting in interactive and responsive user interfaces.
* Developed RESTful web services using JAX-RS and Spring REST, enabling seamless integration with external systems and enhancing data interoperability by 25%.
* Managed version control using Git, ensuring collaborative code management and facilitating efficient team workflows.
* Engineered Microservices architecture using REST APIs, Spring Boot, and Cloud platforms, enhancing scalability and reducing deployment time by 40%.
* Utilized Postman to evaluate RESTful APIs, optimizing API performance and ensuring robustness of HTTP requests such as GET, POST, and PUT.
* Transformed a monolithic application into microservices architecture using Spring Boot and adhering to 12-factor app methodology, resulting in improved modularity and scalability.
* Designed and developed prototypes, demos, and final solutions, accelerating project timelines and enhancing stakeholder engagement.
* Implemented and enabled API Services Layer, facilitating seamless integration of applications and enhancing data exchange capabilities.
* Managed multiple projects from inception to completion, ensuring adherence to timelines and achieving project deliverables with a 30% reduction in project cycle time.
* Contributed to the implementation of URL PX, Custom Action, and Events, enhancing system functionality and flexibility.
* Integrated CI/CD Pipeline (TFS) for automated build and deployment processes, reducing manual errors and improving deployment frequency by 50%.
* Deployed PLM Mobile client on Agile servers, improving accessibility and usability of PLM data across the organization.
* Led data migration activities from Milestones Tool to Agile PLM Environment, ensuring data integrity and seamless transition.
* Conducted rigorous code reviews, unit testing, and integration testing, ensuring high code quality and adherence to coding standards.
* Mentored junior team members, fostering a collaborative learning environment and enhancing team productivity and morale.

**IBM | Sr. Java Developer ​​| May2012 – Jul2015**

* Spearheaded enhancements in the Packaging module, optimizing product packaging processes and reducing assembly time by 20%.
* Led the design, development, and testing phases of the Manage Barcode Project, ensuring seamless integration and improving barcode scanning accuracy by 25%.
* Implemented ICE faces screens for the Manage Barcode Project, enhancing user interface functionality and increasing user satisfaction by 30%.
* Leveraged Agile API extensively, gaining proficiency in Agile PLM Technology and improving system interoperability by implementing efficient API integrations.
* Successfully implemented URL PX for the Barcode Project, enhancing system flexibility and enabling dynamic URL-based actions.
* Modified Agile configurations by refining privileges, adding new subclasses, attributes, roles, and user groups, resulting in improved security and user access control.
* Collaborated within the SR Team and Change Team, facilitating effective communication and alignment on project goals, leading to a 15% increase in team productivity.
* Conducted thorough code reviews and utilized PMD for source code analysis, ensuring high code quality and adherence to coding best practices, resulting in a 20% reduction in bugs.

**Innominds | Java Developer ​​| Dec2009 – Mar2012**

* Drove extensive utilization of Agile API, gaining advanced proficiency in Agile PLM Technology, enhancing system functionality and enabling seamless integrations.
* Led the design, development, and testing phases of the Queue Service Framework, improving task management efficiency by 30%.
* Engineered Stored Procedures using PL/SQL for the QueueService Framework, optimizing database performance and reducing query execution time by 25%.
* Developed AgileAsyncSWServices, deploying web services on Tomcat web server, enhancing system scalability and facilitating real-time data exchange.
* Innovated AgileAttachmentUtility/CustomUI, supporting Add, Check-In, Check out, and File Download actions, mimicking Agile's Out of the Box (OOTB) features, improving user experience by 20%.
* Implemented a Custom UI web application deployed on WebLogic server as Agile URL PX, streamlining user interface interactions and enhancing user productivity.
* Enhanced performance of Custom UI Web Application by integrating File Catalyst with Agile API Calls, optimizing data transfer speeds and improving user satisfaction by 30%.
* Developed Groovy Script for Platform code Name Validation in Agile, ensuring data accuracy and system reliability.
* Integrated web promotion functionalities enabling customers to download drivers for various Dell products, enhancing customer engagement and satisfaction.
* Designed and developed UNCCleanup job, automating daily cleanup tasks to manage files/directories older than 60 days, improving system performance and efficiency.

**Wellsfargo, IA | Associate Engineer ​​| Nov2007 – May2009**

* Implemented Spring dependency injection feature using constructor injection, enhancing modularity and testability of the application.
* Transitioned EJBs to Spring-enabled EJBs, improving performance and simplifying the codebase maintenance.
* Engineered a smart payment plan for ELC service, increasing payment processing efficiency by 20%.
* Developed and deployed a Bureau Retrieval System for Sales Express client, improving data retrieval speed and accuracy by 30%.
* Designed and implemented a SAX parser to efficiently parse XMLs, improving data extraction and processing speed.
* Implemented transformations using XSLTs, enabling seamless data transformation and integration across systems.
* Utilized web services to implement Service-Oriented Architecture (SOA), enhancing system interoperability and scalability.
* Successfully implemented MR2 & ILOL client’s requirements, meeting project milestones and enhancing client satisfaction.
* Addressed business requirements by refactoring services in Base work, improving system performance and maintainability.
* Utilized FindBugs to generate comprehensive reports, identifying and fixing potential bugs in the codebase.
* Developed JMeter scripts to conduct performance testing, ensuring optimal application performance under various load conditions.
* Used Java code coverage tool Eclemma for thorough source code analysis, improving code quality and test coverage.
* Created UML class and sequence diagrams using Rational Rose, facilitating better design visualization and communication among stakeholders.

**Education​**

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**​​MK University,** **Master’s in Computer Applications ​​2001​**

​​Major: Computer Science​

**Andhra University,** **Bachelor’s in Science 1998​**

Major: Mathematics​