SENIOR SOFTWARE DEVELOPER – FUSION LIFECYCLE MANAGEMENT
Oracle Headquarters - Redwood Shores, CA

The Fusion Applications Lifecycle organization offers opportunities to be part of a team utilizing the latest technologies to produce mission critical software focused on enabling Fusion Applications inside and outside the Cloud. The Fusion Applications Lifecycle team develops solutions to effectively manage the lifecycle of Fusion Applications, from enabling of low-cost, new deployments for both cloud-based and on-premise environments to efficiently managing existing deployments through frameworks providing patching, upgrade and 129FRT capabilities along with diagnostic and supportability tools.

The provisioning framework we provide simplifies customer adoption by performing value-add work on top of the installation of software such as orchestration across disparate hardware, configuring Application Servers, Security, Web Services, Queuing and High Availability. For cloud-based implementations, we encapsulate and simplify this further by providing tools to create and redistribute OMAOs (Oracle Virtual Machines). Our patching and upgrade frameworks provide an automated way to update existing Fusion Application deployments with minimal down time with the latest releases, enhancements and fixes. Our 129FRT tooling provides an efficient mechanism for our customers to configure customizations into a test environment and migrate those settings into a production zone in an automated fashion.

Projects are developed using industry standard technologies/tools that include Java, JEE, and XML. The software will be deployed both in the Oracle Public Cloud as well as on-premises.

***PLEASE NOTE: SEE "ADDITIONAL DETAILS" SECTION BELOW FOR INFO SPECIFIC TO THIS OPPORTUNITY***

Brief Posting Description
Design, develop, troubleshoot and debug software programs for databases, applications, tools, networks etc.

Detailed Description
As a member of the software engineering division, you will take an active role in the definition and evolution of standard practices and procedures. You will be responsible for defining and developing software for tasks associated with the developing, designing and debugging of software applications or operating systems.

Job Requirements
Work is non-routine and very complex, involving the application of advanced technical/business skills in area of specialization. Leading contributor individually and as a team member, providing direction and mentoring to others. BS or MS degree or equivalent experience relevant to functional area. 7 years of software engineering or related experience.

Additional Details
DUTIES & RESPONSIBILITIES
As a member of the Fusion Applications Lifecycle team you will be designing, developing, troubleshooting and
debugging software solutions for managing the lifecycle of Fusion Applications. You will be part of an exciting, diverse, cross-functional team, working with team members across Fusion Middleware and Fusion Applications, responsible for helping to ensure the success of the Fusion project. Responsibilities may include:

- solving complex technical problems such as reducing overall system downtime in a Cloud environment
- developing high performance APIs, dynamic class loading, parallelizing frequent operations to improve performance
- orchestrating complex operations occurring in a multi-threaded environment, cross-SEE application communication through Java and/or Web Services, and UI development using ADF Faces, Swing etc.
- actively participate in various facets of the development lifecycle from project planning, design, development, testing, and bug fixing, in a challenging team environment consisting of both on-site and remote team members spread across the globe.

PREFERRED QUALIFICATIONS & EXPERIENCE:

- BS or MS degree in Computer Science or Software Engineering (or equivalent) with a solid foundation in data structures, algorithms, client-server systems, and object-oriented software design.
- Highly capable coding skills and minimum 5+ years programming experience in Java.
- 8+ years industry experience working as a key technical lead in a small to medium sized software product (or equivalent subsystem in a larger product).
- Understanding how to code for performance including knowledge of multi-threading techniques.
- Knowledge of Oracle database and SQL, XML parsing, schemes.
- Experience designing APIs and developing cross platform SOA.
- Experience with agile software development, SOA and web services.
- Experience with Java and SOA technologies.
- Excellent problem solving, critical thinking, and communication skills.
- Ability and desire to learn new skills and take on new challenges.
- Excellent command of written and spoken English.

We are looking for highly self-motivated individuals who can deal with complex problems under minimal supervision. Our projects are driven by fusion Applications requirements and by innovative ideas that percolate from the bottom up as well as top-down. We are looking for software engineers who can come up with innovative ideas, build consensus around it, and deliver a robust solution in a timely fashion.

As part of Oracle's employment process candidates will be required to complete a pre-employment screening process, prior to an offer being made. This will involve identity and employment verification, salary verification, professional references, education verification, and verification of professional qualifications and memberships (if applicable).

Oracle is committed to creating a diverse environment and is proud to be an equal opportunity employer.
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The provisioning framework we provide simplifies customer adoption by performing value add work on top of installation of software such as orchestration across disparate hardware, configuring Application Servers, Security, Web Services, Clustering and High Availability. For cloud-based implementations, we encapsulate and simplify this further by providing tools to create and rehydrate OVMs (Oracle Virtual Machines). Our Patching and Upgrade frameworks provide an automated way to update existing Fusion Application deployments with minimal down-time with the latest releases, enhancements and fixes. Our T2P/P2T tooling provides an efficient mechanism for our customers to configure customizations in a test environment and migrate those settings into a production zone in an automated fashion.

Projects are developed using industry standard technologies/tools that include Java, JSF, and XML. The software will be deployed both in the Oracle Public Cloud as well as on-premise.

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- solving complex technical problems such as reducing overall system downtime in a Cloud environment
- developing high-performance APIs, dynamic class loading, parallelizing frequent operations to improve performance
- orchestrating complex operations occurring in a multi-threaded environment, cross-J2EE application communication through JMX and/or Web Services, and UI development using ADF Faces, Swing etc.
- actively participate in various facets of the development lifecycle: from project planning, design, development, testing, and bug fixing, in a challenging team environment consisting of both on-site and remote team members spread across the globe.

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- BS or MS degree in Computer Science or Software Engineering (or equivalent) with a solid foundation in data structures, algorithms, client-server systems, and object-oriented software design
- Highly capable coding skills and minimum 5+ years programming experience in Java
- 6+ years industry experience working as a key technical lead in a small to medium-sized software product (or equivalent subsystem in a larger product)
- Understanding how to code for performance including knowledge of multi-threading techniques
- Knowledge of Oracle database and SQL, XML parsing, schemas
- Experience designing APIs and developing cross platform SDKs
- Experience with agile software development, SOA and web services
- Experience with JMX and J2EE technologies
- Excellent problem solving, critical thinking, and communication skills
- Ability and desire to learn new skills and take on new tasks
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