



MEMBER OF TECHNICAL STAFF

Keywords: Java, Spring, Hibernate, AJAX, Agile

The Position:

[PTC](#) is looking for an intelligent, talented, and committed individual to fill a challenging software developer position. This position resides in the PTC University department of PTC's Strategic Services and Partners division. This is a full-time, salaried position. It is based in Pune, India.

PTC University has a robust, easy-to-use suite of data-intensive interactive Web applications and dashboards named 'Lighthouse'. These tools help PTC employees and partners manage tactical aspects of the business as well as strategic business development initiatives. The department is committed to improving the quantity, quality, and relevance of the information we capture and manage. We need a talented Web developer to bring this information to life! He or she will be part of a small team including an India-based database developer and US-based product manager. The Web developer will have sole responsibility for designing, developing, and testing the new and improved Lighthouse applications. If you are looking for a position to showcase the breadth and depth of your talents, this may be the job for you! You will have a level of autonomy and recognition that may be hard to find anywhere else.

Although this role will not actually manage a development team, this is a leadership role critical to successful and efficient product development. The member of the technical staff will contribute as a technical leader for the team in a dynamic and collaborative environment.

Job Description:

The responsibilities of this position are focused on core software development tasks of PTC University applications. This position involves working as part of Global Product Development Team in Pune to build effective and robust software products. He or she will collaborate closely with both the Product Development Management in the United States.

Ideally, this position will be filled by a candidate who has experience in all aspects of the software development lifecycle from design to implementation, maintenance, testing, documentation and delivery. As part of the core software development team

you will be a key contributor to development activities including hands-on object-oriented design, programming, and quality testing of the entire product.

This involves working in a collaborative and an Agile development environment with test-driven development, continuous integration, small release cycles, collective code ownership, and self-organization.

Note:

Prior experience of Agile based Java Development is a must.

Contribute in the following areas:

- Translate design requirements and specifications into robust implementations
- Perform solution design and implementations to specification in a timely fashion
- Perform quality assurance tasks, such as integration tests, unit tests, and installation tests on a specific software platform.
- Implement effective user interfaces that are intuitive and easy to use
- Participate in the design and planning process
- Solicit code reviews for your work and participate in code reviews of others' work.
- Resolve assigned defects and continually reduce defect backlog.
- Research new technologies and then evangelize the application of appropriate technologies in the product.
- Share technical information with the team and to a wider audience when appropriate.
- Maintain the integrity of the overall architecture.

Requirements:

The ideal candidate will have strong software design, architecture and Agile based Java development experience as well as knowledge of Agile development best practices.

- BTech or MTech in Computer Science or Engineering from a top engineering school, or equivalent.
- 4-10 years of industry experience in software design and development, meeting aggressive deadlines, and performing software development duties.
- Strong, practical skills and experience with the software development life cycle and its corresponding processes and procedures.
- In-depth skills and experience in object-oriented design methodologies.
- Effectively functions and communicates within a software development team consisting of developers, QA, system administrator, UI designer, and project management members.
- Demonstrated understanding of how implementation choices impact user experience in terms of browser compatibility, accessibility, and performance

Technical Skills –

Must Have:

- Experience with Agile based Java Development using Spring and Hibernate is required.
- Experience with either Java web Presentation framework such as Wicket/JSF/Tapestry etc or Java technologies to create dynamic web content such as JSP is required.
- RDBMS – Any major RDBMS and strong ANSI SQL knowledge. Experience on MySQL databases preferred.
- Web Technologies - HTML, HTTP, JavaScript, AJAX, atleast one popular JavaScript framework like JQuery.

Preferred:

- Experience in Google Web Toolkit (GWT) is a definite plus
- Experience of Test-driven development practices using JUnit is a plus.
- Exposure to any major automated build tool and continuous integration concepts. Experience on Maven or Ant preferred.
- Experience of performance engineering.
- Ability to contribute to architectural decisions

Soft Skills –

- Effective oral and written communication.
- Ability to explain and document major application design decisions and their rationales to technical and non-technical audiences.
- Deals with concepts and complexity comfortably
- Team Player - Work effectively as part of the team with minimal supervision.
- Prior experience working intimately with virtual (development) teams is strongly preferred.
- Experience working in a very fast-paced development team under pressure is a plus.
- Good at considering business side of technical decisions.
- An ability to fill in the blanks. You need to take the initiative to get things from concept to reality.