

## Terms of Reference: Senior Software Engineer

Date	04 September 2018
Application Deadline	28 September 2018
Position Title	Senior Software Engineer ("SSE")
Position Location	New Delhi, India

### General Information

Reporting to the Manager of Information Technologies, this new role will develop, enhance, and sustain innovative software solutions to improve the customer experience using languages and technologies of the Java framework. The SSE will design and implement complex software in accordance with project requirements, UX design, and industry best practices. There is an immediate need to create web applications from scratch, configure existing systems, and provide user support. The SSE will also participate in meaningful collaboration sessions on how to solve customer problems and participate in determining scope for new projects.

We are looking for someone who loves to code with a sharp eye for spotting bugs, who tirelessly fine-tunes their craft and seeks to improve ideas and skills based on the needs of end users. If you are passionate about software engineering and looking for an exciting challenge in an environmental impact company, then this could be the role for you.

### Primary Responsibilities

- Ensure the best possible performance, quality, and responsiveness of the applications
- Participate in requirements analysis
- Collaborate with internal teams to produce software design and architecture
- Write clean, scalable code using Java programming languages
- Test and deploy applications and systems
- Revise, update, refactor and debug code
- Develop documentation throughout the software development life cycle (SDLC)
- Serve as an expert on applications and provide technical support
- Identify bottlenecks and bugs, and devise solutions to mitigate and address these issues
- Working knowledge of Ruby on Rails framework will be added advantage

### Key Skills

- 6-10 years' experience as a Java Developer or Application Developer
- Experience of using Java for developing web applications

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- Familiarity with the Java framework, SQL Server and design/architectural patterns (e.g. Model-View-Controller (MVC))
- Experience on below technologies:
  - **Framework:** JSF, Hibernate
  - **Design Patterns:** Domain Model, DAO, Data Mapper, etc.
  - **Application Server:** Wildfly 12, Apache
  - **Database:** Postgres or MySQL
  - **Front-end:** HTML, CSS, React.
- Familiarity with architecture styles/APIs (REST, RPC)
- A solid understanding of OOP principles
- Strong analytical skills
- Understanding of Agile methodologies

## Qualifications

- University degree in computer science or a related field
- Good written and verbal communication skills
- Excellent troubleshooting skills
- Attention to detail

## Location

Located in New Delhi, India. Relocation expenses will not be paid.

## Start Date

It is preferred that the successful candidate be able to start the role in November 2018.

## Salary

The salary for this role will be commensurate with qualifications + experience.

## Applications

The time period for submitting applications for this role will close on September 28, 2018. We regret that late applications will not be considered.

Please submit a 1-page cover letter explaining why you want to work for The Gold Standard and a CV to [recruitment@goldstandard.org](mailto:recruitment@goldstandard.org). Further information on The Gold Standard Foundation is available from our website: [www.goldstandard.org](http://www.goldstandard.org). Please note that you will only be notified if you receive an invitation for a first round interview. We regret that we cannot send you an email confirming receipt or the status of your application.