

# First Quadrant Job Description

**Job Title:** Senior Software Developer

## **SUMMARY**

This position is part of a small team responsible for delivering high-quality, modern applications in a timely way, by performing software development activities throughout the software product lifecycle.

**ESSENTIAL DUTIES AND RESPONSIBILITIES** include the following. Other duties may be assigned.

- Performs requirements definition, application design, coding, testing, integration, documentation, and implementation activities for new projects
- Supports and extends existing in-house business applications as required
- Implements and extends purchased applications packages when appropriate
- Providing support for existing applications will require limited after-hours/weekend work

## **SUPERVISORY RESPONSIBILITIES**

- Direction and coaching of junior programmers may be necessary on occasion.

## **EQUIPMENT/SOFTWARE USED**

PC; general office equipment; Linux, Windows 2000; Sybase ASE, JBoss; Java, PHP, XML, SQL. Development tools include JBuilder, Ant and JUnit

**QUALIFICATIONS** To perform this job successfully, an individual must be able to perform each essential duty/responsibility satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required to complete the essential functions.

- **EDUCATION:** Bachelor's degree in Computer Science or a closely related field from a four-year college or university.
- **EXPERIENCE:** At least eight years of employment designing and implementing Object-Oriented software in a business setting. At least five years of Java experience, emphasizing client-server development in a non-J2EE environment.
- **LANGUAGE SKILLS:** Ability to effectively communicate in English both verbally and in writing. Ability to effectively present information in one-on-one and group situations to employees and third parties. Ability to read and interpret technical programming instructions and documentation.
- **MATHEMATICAL SKILLS:** Ability to construct appropriate algorithms to solve business applications design problems.
- **REASONING ABILITY:** Ability to apply common sense and logic to understand and develop and/or implement computer programs responsive to specific needs and requirements. Ability to consider technical and business trade-offs and to participate in discussion regarding their conflicting needs.
- **OTHER SKILLS:** Working knowledge of client/server and web technology, gained through experience in UNIX or Windows environments. Ability to work collaboratively with other programmers, data base administrators, systems administrators, and a variety of people within the Firm's business units.

Non-essential, but desirable skills: GUI design; J2EE EJB development; relational database design and performance tuning; knowledge of other development tools that have been used at First Quadrant (such as Perl, Crystal Reports and Visual Basic)