

## Software Engineer – Junior

### Job Overview

The Junior Software Engineer collaborates with team members to understand software requirements, deliverables and timelines in order to help design and maintain software application. Specific job duties include: testing, troubleshooting customer issues correcting software defects. May be required to produce technical documentation. He/she must be self-motivated, able to learn quickly and independently but take direction from team leads and productively contribute to the team. The senior architect or team lead will establish the design standards and architectural requirements required for each product design stack. All engineers must adhere to these standards.

### Education, Certification & Minimum Experience

- 1 year of programming experience (can be through professional internship experience)
- B.S. in Computer Science or a related field

### Duties, Tasks & Responsibilities

- Interprets customer feedback to define the problem, requirements, and proposed solutions.
- Develops software solutions by studying information needs; conferring with users; studying systems flow, data usage, and work processes; investigating problem areas; following the software development lifecycle.
- Debug service and development issues and provide information by collecting, analyzing, and summarizing the cause, nature, and proposed solutions.
- Documents new and existing solutions by developing user manual documentation, diagrams, charts, code comments and clear code.
- Researches and investigates previous solutions and applies consistent design standards and styles to new solutions.
- Updates job knowledge by studying state-of-the-art development tools, programming techniques, and computing equipment.
- Performs programming tasks as necessary and applies guidance and feedback from team leads and program managers.
- Tests all work exhaustively to ensure reliability.
- Protects operations by keeping information confidential.

### Knowledge, Skills, Abilities & Attributes

#### Required Technical Skills

- Proficient programming with current languages such as, but not limited to: Java, Groovy, and JavaScript
- Strong competency working with web platforms such as: J2EE, Grails
- Proficient working with software development tools and the software development life cycle
- Well versed with hardware, networks and operating systems (Windows and Linux)
- Good understanding of application architecture
- Ability to work with multiple programming languages and switch contexts between tasks
- Ability to work with Native JavaScript without dependence on community frameworks
- Ability to systematically and exhaustively test your own work
- Ability to learn and apply current application architecture and styles

#### Required Soft Skills

- Sound judgment in the planning and execution of tasks
- Ability to balance efficiently seeking guidance with self-guided learning
- Responds well to leadership and direction
- Active participant in problem-solving and technical discussions
- Willing to learn and take on increasing responsibility
- Self-motivated, results oriented team player
- Excellent problem-solving & analytical skills
- Excellent communication and interpersonal skills

**Preferred**

- Competence with HTML & CSS
- Experience programming in mobile technologies, NodeJS, or C++
- Testing / debugging skills and experience with debugging tools