JOB DESCRIPTION

| **TITLE** | SOFTWARE DEVELOPER | | |
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| **Reports To** | [Insert Title] | | |

**Job Purpose**

The **Software Developer** creates computer programs that give life to mobile devices, desktop computers, and even automobiles. They not only identify user needs, but also create new applications for any given market while improving based on user feedback.

This position contributes to the development and innovation of [Organization Name] software and programs. They collaborate with a team of programmers to create programs that meet the needs of our company or client.

The Software Developer aims to make software design and implementation easier. They are an asset when it comes to creating a seamless software experience for customers, from detailed computer coding to innovative design.

**Duties and Responsibilities**

Overall responsibilities include but not limited to:

* Creating, testing, and deploying new software applications
* Communicating with management and technical support colleagues on a regular basis
* Creating and maintaining a software database like software applications, web sites, data communication processes, and user interfaces.
* Testing, maintaining, and recommending software improvements to ensure strong functionality and optimization
* Installing, customizing, and integrating commercial software packages independently
* Performing root cause analysis of systems
* Working with experienced team members to perform root cause analysis, review new and existing code, and/or unit testing
* Coming up with ideas for improving system performance and impacting availability
* Solving complex technical design problems
* Modifying technical specifications and plans
* Analyzing user requirements and translating them into design documents
* Providing sound technical decisions that provide solutions to business problems.
* Providing comprehensive support to internal customers; resolve outstanding problems or issues
* Compiling timely, comprehensive, and accurate documentation and/or reports as requested
* Analyzing code for flaws and errors and presenting detailed plans to fix them.
* Performing a variety of job-related duties as assigned.

**Qualifications**

* Bachelor's degree in computer science or a related field is required
* XX years of software development and implementation experience
* Professional Java program certification is a plus
* Working knowledge of large-scale software projects
* Experience with cybersecurity and open source technology on a professional level
* Experience developing software in a variety of coding languages such as Java, C++, PHP, and others
* Experience developing secure software systems in accordance with industry standards
* Experience writing customized code for multiple projects at the same time
* Updated knowledge of technological developments in the industry

**Core Competencies**

* Ability to communicate effectively and professionally in all forms of communication with internal and external customers
* Strong problem-solving and decision-making abilities, as well as sound judgement
* Ability to multitask and switch from one task to another without losing efficiency or composure
* Interest in computer systems and cutting-edge technology with the ability to quickly learn new technologies
* The ability to communicate complex procedures to colleagues
* Good written and verbal communication skills with the ability to think analytically
* Attention to detail and a desire to delve deeper into data

**Working Conditions**

* This position is set in an office/WFH/hybrid setting.
* Working hours are generally from <insert time> to <insert time>
* Extended periods of sitting in front of a computer