

Job Description

Job title:	Senior Software Developer
Grade:	P3
Division:	Software Development
Reports to: <i>(job title)</i>	Principal Software Engineer Team Leader

JOB PURPOSE

The purpose of the Senior Software Developer is to design, code, unit test and correct programs and scripts from agreed specifications to fulfil system use cases or user stories. Specifies work for more junior team members. Collaborates in reviews of specifications and codes as appropriate.

KEY DUTIES AND RESPONSIBILITIES

- Produces detailed design specifications;
- Analysis, Design, code and unit testing of programs;
- Observation review/investigation and analysis;
- Tracking of work progress (population of estimates and actuals) in JIRA (or authorised alternative);
- Ensuring unit test results are recorded in JIRA (or authorised alternative);
- Ensures all work is stored in Git (or authorised alternative);
- Ensures new observations are logged in JIRA (or authorised alternative) for assessment;
- Provides reports on progress, risks, issues and anomalies found during development;
- Ensures own work is peer reviewed;
- Peer reviews the work of others;
- Coaches other software engineers;
- Undertake other tasks to support the team where required;
- Comply with Company policies and procedures (including the Business Management System);

DISCLAIMER: This is not necessarily an exhaustive list of all responsibilities, duties, skills, efforts, requirements or working conditions associated with the job While this is intended to be an accurate reflection of the current job, management reserves the right to revise the job or to require that other or different tasks be performed as assigned

- Adhere to the MASS values.

COMPETENCIES

General Profile:

- Requires in-depth knowledge of principles and practices in an area of work and basic knowledge of other related areas
- Solves relatively complex problems
- Works independently receiving minimal guidance
- May lead projects or have accountability for on-going initiatives
- Acts as a resource for less experienced colleagues

Job Functional Knowledge:

- Requires in-depth conceptual practical knowledge in own knowledge area and basic knowledge of related areas of work

Business Expertise:

- Has knowledge of best practices and how own area integrates with others; is aware of MASS's competition and the factors that differentiate them in the market

Leadership:

- Acts as a resource for colleagues with less experience

Problem Solving:

- Solves complex problems; exercises judgement on the analysis of multiple sources of information

Impact:

- Impacts a range of operational, project and service activities within the team and other related teams; works within broad guidelines and policies

Interpersonal Skills:

- Explains difficult or sensitive information; works to build consensus

QUALIFICATIONS / EXPERIENCE

- Minimum 5 years of industry experience working as a software developer including:
 - o Programming in two of the following languages: C, C++, C#, Java, PL/SQL, SQL.

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- Using a source control system such as Git, Subversion or similar.
- Using a bug/workload tracking system such as JIRA or similar.
- Working with agile and/or waterfall approaches.
- Working with the MS Windows OS.
- Some experience of software design.

Desirable:

- Experience in other languages including: C, C#, C++, CSS, Delphi, Fortran, HTML, Java, Javascript, LabView, MatLab, MySQL, Oracle PL/SQL, Python, SQL, Typescript, VB.
- Experience in the Linux/Unix operating systems.
- UML experience.
- Continuous integration using Jenkins.
- Cyber, Law Enforcement or EW domain knowledge.

Declaration

“I have received, reviewed and fully understand the above job description. I further understand that I am responsible for the satisfactory execution of the essential functions described therein, under any and all conditions as described”:

Name:	
Signature:	
Date:	

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