
IRON MAN - PROJECT MANAGEMENT

Job Description

Job Title:	Software Engineer
Reporting to:	Software Engineering Management
Direct Reports:	
Division:	Engineering

Purpose of Job

Develops moderately complex software, creates and executes designs for small sets of new functionality. May perform as Lead Software Engineer for small projects or sub projects.

Key Duties and Responsibilities

- Develops moderately complex software in C, C++, C#, Java, assembly language, or other selected languages for Garmin products and/or applications consistently following Garmin's coding standards and in accordance with applicable software development methodology and release processes
- Utilizes software engineering tools such as configuration management systems, build processes, and debuggers in the software development process
- Creates and executes designs for small sets of new functionality as part of a software project
- May perform as a technical leader or Lead Software Engineer for derivative software project
- Collaborates and adds value through participation in peer code reviews, providing comments and suggestions
- Provides reliable solutions to a variety of problems using sound problem solving techniques
- Performs technical root cause analysis and outlines corrective action for given problems
- Serve as a mentor to less experienced software engineers
- Estimate level of effort, evaluate new options of similar technology, offer suggestions to improve processes, and provide comments on some electrical design aspects
- Apply Garmin's Mission Statement and Quality Policy and enthusiastically exhibit a desire to see Garmin succeed
- Works collaboratively and professionally with other Garmin associates in cross functional teams to achieve goals
- Apply a sense of urgency, commitment and focus on the right priorities in developing solutions in a timely fashion
- Review product and/or application information including manuals and brochures for technical accuracy
- Participate in product and/or application definition activities including feature analysis and system tradeoffs
- Perform other duties as necessary

Department Specific Responsibilities

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Technical Requirements

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Department Specific Technical Requirements

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Education and Experience

- Bachelor of Science Degree in Computer Science, Electrical Engineering, Computer Engineering, Aerospace Engineering, Math or Physics or a technical field (such as CIS or IT) **AND** a minimum of one year relevant experience **OR** an equivalent combination of education and relevant experience
- Outstanding academics
- Demonstrates proficient knowledge and utilization of engineering tools necessary for successful performance of the essential functions of this job description
- Must demonstrate proficiency and possess experience necessary to develop moderately complex software in C, C++, C#, Java, assembly language, or other selected languages
- Demonstrates mastery of relevant software engineering tools (configuration management systems, build processes, debuggers, emulators, simulators and logic analyzers)
- Must demonstrate proficient ability to capture and document software requirements

Skills

Competency	Level	Descriptor
WORKING WITH DATA & INFORMATION		
Gathering & analysing information		
Decision making		
WORKING WITH PEOPLE		
Managing relationships & Networking		
Teamworking, Coaching & Guiding		
Communicating, Influencing & Networking		
ACHIEVING RESULTS		
Planning & organising		
Deadline Management		
Objective setting		

DEVELOPING THE BUSINESS		
Generating & building on new ideas		
Personal development		
CORPORATE COMPETENCIES		
Customer Focused		
Innovative		
Flexible		
Co-operative		
Integrity		

Signed
(Employee)

Signed
(Manager)

Dated