

POSITION SUMMARY	
Position Title	CMRI Development
Essential Qualification	B.Tech/MCA/MTech in Computer Science Or Information Technology
Yrs of Exp	7-12 yrs. of relevant functional experience
No. of vacancies	
Location	Delhi

Job Description

We are looking for a C, C++, FLTK, Linux Shall Scripting developer responsible for building applications that may range from desktop applications to embedded systems. Your primary responsibility will be to design and develop these applications, and to coordinate with the rest of the team working on different layers of the infrastructure.

Proven experience in embedded software development, including C/C++,FLTK, Shall Scripting programming for microcontrollers and embedded systems.

Qualifications

Bachelor's Degree in Computer Science, Information Technology, or a related field (Master's degree preferred **MCA/MTech**).

Proven experience in software development using the C, C++ ,programming language in a professional environment.

Advanced programming skills in C and/or C++ for operating system kernel & systems development.

Strong proficiency in data structures, algorithms, and software design principles.

Solid understanding of operating systems concepts and computer architecture.

Excellent problem-solving skills and attention to detail.

Responsibilities

Collaborate with software engineers and stakeholders to understand requirements and translate them into technical specifications.

Design, develop, and implement software solutions using the C,C++ programming language, adhering to coding standards and best practices.

Write clean, efficient, and maintainable code, ensuring high performance and reliability of software applications and systems.

Perform code reviews, debugging, and troubleshooting to identify and resolve software defects and performance issues.

Develop and maintain software documentation, including specifications, design documents, and user manuals. Interacts with client and understand the requirements.

Implement code according to the requirements.

Prepare the Unit test cases and test the software.

Interacts with client and understand the requirements.

Understanding the requirements of the client and analyze functional requirement.

- Design, build, and maintain efficient, reusable, and reliable C,C++ code

Identify bottlenecks and bugs, and devise solutions to these problems

Help maintain code quality, organization, and automatization

Develop, maintain, and enhance shell scripts (e.g., Bash, CShell) for automating system

Required Skills

Proven experience in software development using the C,C++ programming language in a professional environment.

Strong proficiency in Data structures, algorithms, and software design principles.

Strong Knowledge in Data Structures concepts ,Link list, Heaps, Queue , Shorting ,Array, Stack, Hash Table.

Ability to code in a LINUX/UNIX environment (Linux C++ toolchains).

Solid understanding of operating systems concepts and computer architecture.

Use data structures, software engineering, OOD, C++ programing techniques and algorithms to write, debug and test code.

Experience with version control systems (e.g., Git) and software development tools (e.g., IDEs, debuggers).

Excellent problem-solving skills and attention to detail.

Knowledge of Multithreaded programming, Sockets API programming

Knowledge of the latest Version of C,C++ standard is appreciated depending on project specifications

Familiarity with embedded systems design, low-level hardware interactions if required

Knowledge of basic Tools.

Turbo C,C++,FLTK IDE,VS code,

KDevelopment,

Mcube,

Smart2K,

Genus Urja,

EMStart,

WinSCP

Keil Compiler.