



JOB DESCRIPTION | Software Developer - C++

[Quidich Innovation Labs](#) is a global company headquartered in Mumbai, India that pioneers in customized technology solutions for Sports Broadcasts. From the outset, we have believed in the power of the story that sport tells as a tool to bring people together; and that this story best reaches fans, through the way it is broadcast. Building on this thinking, we have created various technology tools over the past five years and deployed them at tournaments such as the Indian Premier League, ICC Men's T20 World Cup, ICC Women's World Cup, and Men's FIH Hockey World Cup, to name a few.

Role

As a Software Developer, you will play a pivotal cross-functional role in our product team. Your main responsibility will be:

- Innovate, implement, support, and iterate on our real-time application systems, infrastructure, and code
- Write and improve high-performance, highly efficient, and highly maintainable C++
- Optimizing back-end systems in C++.
- Implementing and optimizing computer vision algorithms.
- Modifying and extending functionalities within video card SDKs, Live streaming libraries.
- Building and maintaining robust software development pipelines.
- Collaborating on general software development tasks like code review, testing, and debugging.
- Continuously learning and solving complex problems.

This role is ideal for developers who are eager to grow, tackle complex technical challenges, and thrive in a collaborative environment.

Responsibilities

- Designing, optimizing, and maintaining backend components and modules using C++
- Building and optimizing development pipelines to ensure seamless integration and deployment
- Handling large volumes of data in real-time.
- Collaborating with cross-functional teams to implement solutions across various technical domains
- Working on integrating and optimizing third-party SDKs, Live-streaming libraries, including those related to video processing and computer vision
- Contributing to the full software development lifecycle, including requirement gathering, architecture, testing, and deployment
- Debugging, troubleshooting, and optimizing performance-critical applications
- Adhering to best practices in code quality, version control, and software engineering standards
- Proactively learn new technologies and frameworks to meet project needs.

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Qualifications, Skills, and Competencies

- Strong proficiency in C++ with a minimum of 5+ years of professional experience as a system engineer or architect for complex, high-performance systems Degree in Computer Science, Software Engineering or similar
- Must have C++, Design Patterns, Architectural thinking
- Experience working with backend development, SDKs, or system-level programming.
- Hands-on experience with building and maintaining software pipelines for CI/CD (Continuous Integration/Continuous Delivery).
- Experience working with Databases is a plus.
- Familiarity with computer vision algorithms and video processing is a plus.
- Excellent problem-solving skills with the ability to learn and adapt to new technologies quickly.
- Solid understanding of general software development practices, including version control (e.g., Git), testing, and debugging.
- Ability to work both independently and as part of a team in a dynamic environment.
- Cuda experience is an advantage.
- Experience with video card SDKs, live streaming libraries, computer vision libraries like OpenCV.
- Strong communication and collaboration skills.

Location: Goa/Mumbai

Reporting To: Product Head

Joining Date: Immediate to 30 Days

Interested candidates, please send your CV to careers@quidich.com

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