



C++ Developer for Cross Platform Video Management System

On-site · Norfolk, Virginia, United States · Engineering and Support · Full time

OVERVIEW APPLICATION

Description

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Job Title: C++ Developer for Cross Platform Video Management System

Department: Engineering

Position: Exempt, Full-Time

Location: United States

Job Summary

IPConfigure is looking to hire a strong C++ programmer responsible for creating video streaming, web service, and data management back-end components in our browser-based surveillance video management systems. The C++ developer must have a strong familiarity with object-oriented programming, C++11 (and/or C++14, C++17), unit testing, test-driven development, and Linux development tools and development environments. This is an awesome opportunity to work with leading edge technologies in the IP video surveillance market. The ideal candidate will work at our Norfolk, VA office.

Duties/Responsibilities

- Participate in a well-defined Agile software development process with other senior developers.
- Develop high quality, well-designed application code for features and system components.
- Participate in feature design, ensuring a balance between business and technology requirements.
- Deliver code as scheduled that adheres to the design.
- Find root causes of defects in features.

- Adhere to coding practices designed to promote code reuse and standardization.
- Provide time and resource estimates for own feature areas.
- Identify risks and mitigation strategies.

Requirements

- Engineering, or related discipline. Master's or Ph.D. is a plus.
- Expertise in C++11 or newer.
- Familiarity with: Linux or Windows systems programming, Boost.
- Object Oriented design background.
- Web service programming (SOA, SOAP, REST).
- An active concern for quality engineering, with experience building scalable web applications.
- Any of the following would be a plus:
 - Familiarity with streaming media frameworks such as GStreamer.
 - Network programming (TCP, UDP, Unicast, Multicast).
 - Code samples and portfolio of designs.
 - Contributions to open source projects (for example a github page)

Education and Experience

- This is an advanced position. Applicants should have at minimum a B.S. in Computer Science, Electrical Engineering, Computer Engineering, Mathematics, etc. Master's or Ph.D. is a plus.
- Two years professional C++ development experience minimum.

Benefits

- Industry competitive salaries based on experience.
- Generous PTO and Work From Home Policy.
- Health, Vision, Dental, and Life insurance policies.
- Flexible Spending Account and Health Saving Account.
- 401K with company match.

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