

Prime Image Job Description

POSITION TITLE: SR. SOFTWARE ENGINEER

CITY/STATE OF JOB: DENVER METRO / DALLAS, TX

CURRENT OPENINGS: 1

COMPANY WEBSITE: www.primeimage.com

COMPANY DESCRIPTION: Prime Image pioneered the development of the first video time reduction process in 1995. It was the first process that digitally and undetectably deleted unnecessary frames without video compression or compromising the integrity of the video, audio or closed captioning of the program content. Since then, Prime Image has become the industry standard in video time reduction technology featuring the patented Time Tailor series. The Time Tailor has kept up with the ever-changing world of broadcast television, and continues to be the only solution for both off line editing and real-time video time reduction. Content creators use the Time Tailor to reduce program run times to fit syndication requirements and to generate additional revenue by creating additional ad spots.

POSITION SUMMARY: The Senior Software Engineer reports to the CTO and works closely with engineering leadership, and the quality team. The Senior Software Engineer is responsible for ongoing development and sustainment of the audio/video Player architecture, along with defining and developing our core metadata capture architecture. Prime Image's Player provides a unique platform for managing individual video frames, thus enabling new functionality for tagging and compiling metadata for use in consumer applications to consume OTT programming and contextual or targeted advertising.

RESPONSIBILITIES:

- Expected to conduct system analysis and development, with limited support from professional staff, to keep our systems current with changing technologies, OS upgrades and performance improvements
- Analyze system specifications and translate system requirements to task specifications and implementation plan
- Responsible for analysis of current programs including performance, diagnosis and troubleshooting of software applications, and designing solutions to remove inferior methods
- Responsible for developing new programs and proofing the program to develop needed changes to assure production of a quality product
- Document code consistently throughout the development process by listing a description of the program, special instructions, and any changes made in database tables on procedural, modular and database level
- Provide assistance to testers and support personnel as needed to determine system problems
- Ensure implementation of formal processes to support the product development process

SPECIFIC DUTIES:

1. Participate in development of long range planning for new features, platform transformations and performance improvements
2. Working closely with engineering leadership in evaluating current systems and making decisions on future development and software architecture
3. Design and develop metadata analytics engine that ties into EDL management of program material by making specific determinations from video and audio analysis
4. Adopt new technologies as they emerge and impact Company's systems and IP, expected to learn these technologies very quickly and resolve any problems involved in integrating new technologies with our systems
5. Provide advice, training and technical support to customers and partners
6. Responding promptly and professionally to bug reports and customer related issues

REQUIREMENTS:

- Proficient: C++, parallel and concurrent programming, Win32 API, not .NET Visual Studio
- Experience with Boost or C++11, SQL, NoSQL, MySQL, PostgreSQL, SQLite or other DB frameworks
- Proficient with video and audio processing, filter design or signal processing, broadcast and OTT media file formats such as AVI, Quicktime, MXF, experience with ffmpeg is a plus
- A solid understanding of networking/distributed computing environment concepts
- Solid understanding the principles of routing, client/server programming
- Possess excellent communication skills, with an emphasis on verbal and written communication.
- Ability to multi-task and stay organized in a dynamic work environment
- Possess advanced technical skills in the following:
 - Computer languages and data structures, program design methods and techniques
- Strong operational and project management skills

EDUCATION & CERTIFICATION:

- Seven-ten years programming experience in video applications and metadata analytics, media compilation with streaming service
- BS Computer Science/EE, Computer Networking or related field. Related work experience will be considered in lieu of college degree (10+ years)
- Certifications in computer field highly desired, JAVA Enterprise, XML/JSON and Scripting Languages

Please send your resume and cover letter outlining your interest in the position via email to jobs@primeimage.com Thanks for your interest in Prime Image!