

## Principal Software Engineer

Ashly Audio is seeking a full time Principal Software Engineer to lead the strategic planning and development of the next generation of software applications for Ashly Audio's commercial audio solutions, based at our headquarters in Webster, NY.

The Principal Software Engineer will define the architecture of software systems and lead the technical development effort for the organization's Software Development initiatives. The Principal is responsible for managing the software development team through a solution's design; its analysis, development, testing; and the solution's deployment activities. Through this process, the Principal Software Engineer will provide technical and operational leadership to a growing, multidisciplinary software development team, and will lead in the development of software applications used in the Audio Industry. The successful candidate will be able to participate in deep technical and product strategy discussions, and to liaise effectively between these settings. The successful candidate will be particularly inclined to collaborate with other functional groups, create functional strategies, and define specific objectives for the software team including make/buy decisions for application and DSP software components. Additionally, the Principal will establish policies and procedures that produce high-quality software products and services to support the functional infrastructure.

### Responsibilities:

- This is a working Principal position which requires a hands-on approach to the architecture, design, development and deployment of application software
- Hiring and managing both internal (organic) and external (contract) software development resources
- Research, select and manage vendors in the production of software applications
- Drive world-class software development rigor and quality by maintaining high standards for peer reviews, code reviews, technical reviews and formal design reviews
- Responsible for the Continuous Integration (CI) process for development.
- Responsible for the Unit and Integration Testing strategy, tools and resources.
- End to end hands-on ownership of software development including strategy
- Implement/Maintain Continuous Delivery Server
- Implement/Maintain Software Repository

### Qualifications

- Master's degree in Computer Science or related field with 3 Years' experience OR Bachelor's degree in Computer Science or related field with 6 Years' experience
- Expertise in three or more of the following languages:
  - C#, Java, Node.js, Python, PHP, Ruby, ASP, Hack, C
- Strong technical knowledge in at least three of the following technology areas:
  - Audio Digital Signal Processing
  - Audio Application Design and Development (i.e., UX/ User Interaction Layer)
  - .NET (Windows) / Objective C (OS-X) Native Development
  - Android / iOS Mobile Applications Design & Development

- Client/Server Design and Development
  - Linux Operating System
- Previous experience and knowledge of Audio digital signal processing (DSP) is highly desired.
- Previous experience and knowledge of Linux Audio tools such as LV2, ALSA and JACK is highly desired
- First-principal understanding of the software development lifecycle in waterfall and agile development environments
- Experience with software configuration management including version control, build management, release planning, Continuous Delivery and risk management
  - Experience in the implementation and maintenance of a Continuous Delivery System such as Jenkins is a plus
  - Experience in the implementation and maintenance of a Software Version Control system such as Subversion or Git is a plus
- Excellent communication and interpersonal skills
- Travel Required: 0 – 25%

## Location

Ashly Audio, Inc.  
847 Holt Road, Webster, NY 14580

Ashly offers their employees competitive compensation and a comprehensive benefits package including medical, dental, and life-insurance, plus paid time off and a 401(k) plan.

Ashly Audio, a JAM Industries, Ltd. Company, has been recognized as a world leader in designing and manufacturing quality audio signal processing equipment and power amplification for use in commercial sound contracting and professional audio markets. Our philosophy established from the very beginning, over 43 years ago, is to offer only the highest quality audio products to our customers. Ashly has a strong brand reputation and a loyal following in our market across the world.

<http://ashly.com/>

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