

## JOB DESCRIPTION

**JOB TITLE:** Digital Media Solutions Architect  
**BASED:** London, UK  
**REPORTS TO:** Digital Media Product Manager

### ROLE SUMMARY

An exciting opportunity has arisen to join a fast growing technology company. AVMI is the UK's leading provider of Audio Visual solutions and is expanding rapidly overseas as well as developing a number of market leading innovations.

The purpose of the role of Digital Media Solutions Architect is to lead the design of AV Digital Media solutions, principally digital signage, scheduling platforms, streaming media (IPTV / VOD), and interactive & experiential AV systems and associated post-installation services such as Content Management, Content Authoring and Pro-active Estate Device Monitoring.

The post-holder will be a source of expertise with respect to the integration of digital media technologies and lead projects through the design, build and support phases to ensure delivery to the highest standards.

Reporting to the Digital Media Product Manager and based at our London City office, the post-holder will work collaboratively with the Account Management, Design and Digital Media Engineering teams to help architect innovative solutions for our Retail, Corporate and Government clients.

### DUTIES AND RESPONSIBILITIES

#### Solution Design:

- Understand the clients' requirements and design solutions that are technically accurate, meet the functional requirements, whilst also taking into account considerations such as budget, longevity, ease-of-use and reliability.
- Design and propose post-install services such as Content Management, Content Creation and Device Monitoring.
- Author proposal documentation with supporting conceptual drawings, Bill-of-Materials and Scopes of Work.
- Present budgetary quotations for the designs.
- Get approvals for the developed designs from the client.
- Overseeing the production of DWG system drawings, 3D renders and content wireframes.
- Liaise with the Account Manager for support in respect of commercial terms and any 'politics' with the client, other trades or AVMI partners.

#### Solution Deployment:

- If an order is received for the completion of the project the Solution Architect will work with the Project Manager to ensure that there is a robust project plan.
- As the project proceeds the Solution Architect will continue to assume responsibility for the technical design, making appropriate adjustments should the need arise and communicating with the rest of the project team, including partners and other trades, where required, in support of the Project Manager.
- Support the Projects and Service Delivery teams as one of AVMI's Subject Matter Experts. This will include responsibilities for the execution of engineering matters such as:
  - Configurations of system 'head-ends' and supporting infrastructure.

- Configuration of end-points such as media players, video processors and displays.
- Software configuration and testing to bring the system to 'sign-off' standard e.g. user access policy, content management workflows, installation of supplied custom media and applications.
- End-user training.
- On-boarding Content and Device Management services.

## SKILLS REQUIRED

- Experience of architecting digital media systems. Specific knowledge of the following platforms is desirable:
  - ONELAN (NTB, CMS, DSM, DCE)
  - Tripleplay (Triplesign, TripleStream, TripleTV, TripleVOD core modules and enhancements)
  - Intevi
  - Sharing Cloud
  - Embed Cloud Signage
  - Appspace
  - Scala
  - Brightsign
  - Encoded Media
  - Samsung SMART Signage Platform
  - LG WebOS
- Knowledge of digital media file formats and streaming technologies.
- Knowledge of signal distribution, matrix switching and video wall processing systems from manufacturers such as Extron, Kramer, Datapath and TVOne.
- Knowledge of TCP/IP LAN/WAN networking, Windows PC workstation and server OS Network +, Cisco CCNA and A+ qualifications desirable.
- Familiarity with cloud computing concepts.
- LCD and LED media wall design and installation skills.
- AutoCAD skills for system design are desirable.
- Familiarity with AMX, Crestron and Extron control products.
- Knowledge of commercial display technologies from manufacturers such as Samsung, NEC and LG.
- Familiarity with touch and gesture based interactive display technologies.
- Experience integrating digital signage content management systems with external sensor and contextual input technologies.
- Familiarity with mobile device technologies and operating system platforms e.g. iOS, Android, Chrome OS, Bluetooth, NFC.
- Audio system design skills desirable.
- Ability to design innovate, financially viable and reliable system that meet our client's requirements, while remaining competitive in the market.
- Demonstrate high level analytical skills with the ability to interpret complex user requirements.
- Personal drive to continually keep up to speed with new DM technologies.
- Willingness to travel and out-of-town stays are occasionally required in this position
- Excellent verbal and written communication skills.
- Strong multi-tasking skills.
- Ability to deliver at pace whilst maintaining a high standard of work.
- Ability to understand project schedule, plans and labour requirements.
- Ability to prioritise and work under pressure is essential to meet necessary deadlines.

### **WHY WORK FOR AVMI**

- Be part of a fast-growing company working with some of the world's biggest brands.
- Ambitions to become a global player (recent office openings in New York and Hong Kong).
- An evolving business that provides great opportunity for development and progression.
- Full training program provided.
- Great team environment.