



Cloud Architect

Our Company

Nuvvyo is a successful technology company that is disrupting the TV industry. Launched in 2014, Tablo is a DVR for TV antennas that targets the growing trend of cord-cutting and enables consumers to save thousands of dollars by cancelling expensive cable and satellite TV contracts and replacing them with free Over-The-Air (OTA) HDTV alongside internet video from companies like Netflix and Hulu.

Nuvvyo is now ready to take the next step in its evolution: to move the hardware from the home into the Cloud. The position of Cloud DVR architect is vital to ensure that we build the right foundation to become a billion dollar company.

Opportunity

The **Cloud Architect** will define the Amazon AWS based architecture to deliver Cloud DVR services to a large population of users over the internet. This is a hands-on role that will be responsible both the definition and the implementation of the Cloud DVR architecture.

Desired Attributes:

- **Career Amazon Cloud Services Architect:** You have designed Amazon AWS-based solutions and have taken them from Proof of Concept to fully operational networks
- **Self-Starter:** You possess a keen desire to make a real difference within an organization by taking ownership and pride in your work and by offering to step up without being asked when opportunities arise to make the company and product more successful
- **Strong Communicator:** You maintain open and active communication with all team members to prioritize tasks, review features and test plans, diagnose and resolve defects, etc.
- **Detail-Oriented:** You pay close attention to details and take the time to do the job properly
- **Multi-Tasker:** You manage your time effectively and ensure that task priorities line up with company priorities

Duties and Tasks/Essential Functions:

- Develop an architecture to upload video from home-based DVRs and stream the recorded video to applications on devices such as smartphones, tablets, smart TVs and media streamers like Apple TV, Roku and Android TV that scales from thousands to hundreds of thousands of users
- Define AWS architecture to implement the Cloud DVR solution
- Define the IP internetworking architecture and select the network components
- Define a video streaming architecture from the S3 to the client applications
- Define the redundancy model that ensures no single point of failure will compromise the customer experience
- Define the operational model and workflows to monitor and maintain the Cloud DVR
- Define, implement, and maintain the security and authentication model

Education, Skills and Knowledge Qualifications:

- 5+ years' experience working in Cloud Computing
- Degree or diploma in Computer or Electrical Engineering, or a closely related discipline
- Experience with video streaming using protocols such as HLS and DASH
- Familiar with AWS API for Java
- Experience with Amazon S3, CloudFront, EC2, Elastic Load Balancing
- Experience with Content Delivery Network (CDN) services
- Experience with IP networking
- Ability to speak and write clearly and accurately in English
- Ability to work closely with other team members
- Experience with home networking and media streaming devices is an asset

Besides a competitive salary and benefits package, Nuvyyo offers a relaxed office environment that encourages collaboration, innovation and fun. We are located in the heart of Kanata's technology hub with free parking and easy access to transit.

To apply, please send your resume in PDF format to careers@nuvyyo.com.

We thank all applicants for their interest in working for our innovative start-up company, but we will only acknowledge those applicants to whom we will offer an interview.

Nuvyyo respects the dignity and independence of people with disabilities, and provides accommodation and support to persons with disabilities throughout any recruitment process, once made aware of a need for accommodation. If you require any special accommodation or support during the recruitment process, please indicate in your email to us.