

JOCI PETTIJOHN

Video Streaming Engineer

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(463) 136-9793

Cambridge, MA



PROFILE

As a Video Streaming Engineer with over 3 years of experience, I have developed a deep understanding of video streaming technologies, protocols, and services. My expertise lies in developing, managing, and optimizing video streaming platforms to ensure optimal performance. I have experience with streaming solutions such as Wowza, Adobe Flash Media Server, and nginx-rtmp. I have extensive knowledge of video streaming protocols such as HLS, RTSP, RTMP, MPEG-DASH, and HDS. Additionally, I have experience in deploying, managing, and troubleshooting video streaming services such as YouTube, Twitch, and Facebook Live. I also have experience creating custom streaming solutions using scripting languages such as Java, JavaScript, and Python. My knowledge of video streaming technologies, protocols, and services has enabled me to successfully design and deploy various streaming solutions for a variety of clients.

LINKS

[linkedin.com/in/jocipettijohn](https://www.linkedin.com/in/jocipettijohn)

SKILLS

Video Encoding

Video Compression

Network Protocols

Streaming Technologies

Cloud Computing

EMPLOYMENT HISTORY

● Lead Video Streaming Engineer at Netflix, MA

Nov 2022 - Present

- Developed a new video streaming architecture which reduced latency by 30% and improved throughput by 25%, enabling Netflix to stream content to Massachusetts customers at faster speeds.
- Led a team of 5 engineers in designing and building a new video streaming platform which allowed for the seamless delivery of 4K content to customers in Massachusetts.
- Re-architected the existing video streaming infrastructure to support millions of concurrent streams, increasing overall stability by 40%.

● Senior Video Streaming Engineer at Akamai Technologies, MA

Jul 2020 - Oct 2022

- Developed and implemented a new video streaming platform that improved average video streaming times by 20% and reduced buffering time by 10%.
- Designed and launched a new system architecture that enabled high-definition video streaming with no latency across multiple devices.
- Created an automated content delivery system that increased throughput by 15% and decreased costs by 25%.

EDUCATION

Bachelor of Science in Video Streaming Engineering at Worcester Polytechnic Institute, MA

Sep 2015 - May 2020

Relevant Coursework: Network Architecture and Protocols, Digital Video Compression, Video Streaming Applications and Technologies, Internet of Things and Video Streaming.

CERTIFICATES

AWS Certified Media & Entertainment Specialty

Aug 2021

Microsoft Azure for Media and Streaming Services Certification

Dec 2019

MEMBERSHIPS

Society of Motion Picture and Television Engineers (SMPTE)

Alliance for Open Media (AOMedia)