

Internship: Video Streaming & Cybersecurity Intern

Location: Remote (India)

Duration: 2 Months

Stipend: ₹15,000 – ₹35,000 per month

About Us

We are building a **world-class Learning Management System (LMS)** designed for scale, performance, and security. Our mission is to create an engaging and seamless learning experience while ensuring enterprise-grade security and cost efficiency.

Role Overview

We are seeking a **Video Streaming & Cybersecurity Intern** who will work closely with our product and engineering teams to optimize our video streaming infrastructure and strengthen our security framework. This role is ideal for someone passionate about media delivery, encryption, and cloud optimization.

Key Responsibilities

- Research and implement **cost-efficient video streaming architectures** (e.g., adaptive bitrate, CDNs, edge caching).
- Explore and evaluate tools/services for **video encoding, transcoding, and delivery**
- Implement and test **world-class encryption & DRM solutions** for secure video streaming.
- Conduct **vulnerability assessments** and recommend improvements to protect learner data and video assets.
- Benchmark **cloud infrastructure costs** and suggest optimizations without compromising quality.
- Collaborate with the engineering team to design **scalable, secure video workflows** for the LMS.

Required Skills

- Strong understanding of **video streaming technologies** (HLS, DASH, RTMP, WebRTC, etc.).
- Familiarity with **cloud platforms** (AWS, GCP, or Azure) and video delivery services (CloudFront, MediaConvert, etc.).
- Knowledge of **encryption standards, DRM (Widevine, FairPlay, PlayReady)**, and cybersecurity basics.
- Experience or coursework in **network security, application security, or cryptography**.
- Hands-on experience with **Linux environments and scripting** (Python, Bash)
- Ability to research, prototype, and deliver solutions quickly.

Preferred (Good to Have)

- Prior projects involving **OTT platforms, video platforms, or LMS**.
- Exposure to **open-source media servers** (Wowza, Red5, Jitsi, Kurento, etc.).
- Understanding of **compression algorithms, codecs (H.264, H.265, AV1)**.

What You'll Gain

- Hands-on experience building **secure and scalable video streaming systems**.
- Exposure to **real-world cybersecurity challenges** in edtech
- Opportunity to work with a **fast-paced startup team** building a global product.
- Strong internship experience that can lead to **future career opportunities**.