# Video Interview SAAS Platform

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**Abstract:** *The surge in remote work and online recruitment has generated the need for expert platforms beyond regular-purpose video conferencing software. This project offers a Video Calling Interview Platform, a complete-stack web application built with Next.js, TypeScript, Stream, Convex, and Clerk. The platform supports formal remote interviews via capabilities such as real-time video calls, screen sharing, session recording, role-based authentication, and interview feedback.*

*In contrast to conventional solutions, this platform is built with interview process workflows in mind, enabling interviewers and candidates to participate in interactive, secure sessions. It features dynamic routing, server-client component management, and state handling through a serverless backend. Integrating up-to-date front-end development methodologies with cloud-native infrastructure, this solution provides a user-focused, extensible, and scalable solution for remote technical recruit.*

**Keywords**: Serverless backend, User-centric, Convex Database, Clerk, role-based authentication, scalability, infrastructure, interview preparation