

# Video Streaming Backend - API Endpoints

Base URL: <https://video-streaming-backend-production.up.railway.app/api/v1>

## User Routes

Method	Endpoint	Description	Auth
POST	/user/register	Register new user	No
POST	/user/login	Login user	No
POST	/user/logout	Logout user	Yes
POST	/user/refresh-token	Refresh access token	No (refresh token required)
POST	/user/change-password	Change password	Yes
GET	/user/current-user	Get current user	Yes
PATCH	/user/update-account	Update account info	Yes
PATCH	/user/avatar	Update avatar image	Yes
PATCH	/user/cover-image	Update cover image	Yes
GET	/user/watch-history	Get watch history	Yes
GET	/user/c/:username	Get user channel profile	Yes

## Video Routes

Method	Endpoint	Description	Auth
POST	/video/upload	Upload video	Yes
GET	/video/:videoid	Get video by ID	No (if published)
PATCH	/video/:videoid	Update video	Yes (owner only)
DELETE	/video/:videoid	Delete video	Yes (owner only)
PATCH	/video/toggle/publish/:videoid	Toggle publish status	Yes (owner only)
GET	/video	Get all videos (paginated)	No
GET	/video/channel/:channelId	Get channel videos	No

GET	/video/search	Search videos	No
GET	/video/trending	Get trending videos	No
GET	/video/random	Get random videos	No

## Comment Routes

Method	Endpoint	Description	Auth
GET	/comment/:videoid	Get video comments	No
POST	/comment/:videoid	Add comment to video	Yes
PATCH	/comment/c/:commentId	Update comment	Yes (owner only)
DELETE	/comment/c/:commentId	Delete comment	Yes (owner/admin)
GET	/comment/replies/:commentId	Get comment replies	No
POST	/comment/reply/:commentId	Reply to comment	Yes

## Like Routes

Method	Endpoint	Description	Auth
POST	/like/toggle/v/:videoid	Toggle like on video	Yes
POST	/like/toggle/c/:commentId	Toggle like on comment	Yes
POST	/like/toggle/t/:tweetId	Toggle like on tweet	Yes
GET	/like/videos	Get liked videos	Yes
GET	/like/status/:contentId	Check like status	Yes
GET	/like/count/:contentId	Get like count	No

## Tweet Routes

Method	Endpoint	Description	Auth
POST	/tweet	Create tweet	Yes
GET	/tweet/user/:userId	Get user tweets	Yes
PATCH	/tweet/:tweetId	Update tweet	Yes (owner only)

DELETE	/tweet/:tweetId	Delete tweet	Yes (owner only)
GET	/tweet/:tweetId	Get tweet by ID	Yes
GET	/tweet/feed	Get tweet feed	Yes

## Playlist Routes

Method	Endpoint	Description	Auth
POST	/playlist	Create playlist	Yes
GET	/playlist/:playlistId	Get playlist by ID	Yes (owner or public)
PATCH	/playlist/:playlistId	Update playlist	Yes (owner only)
DELETE	/playlist/:playlistId	Delete playlist	Yes (owner only)
PATCH	/playlist/add/:videoId/:playlistId	Add video to playlist	Yes (owner only)
PATCH	/playlist/remove/:videoId/:playlistId	Remove video from playlist	Yes (owner only)
GET	/playlist/user/:userId	Get user playlists	Yes
GET	/playlist/public/:username	Get public playlists	No