

Video Transcoder Deployment Report

Date (UTC): 2026-03-26 08:08:14

Server: 203.82.52.212 (Ubuntu 24.04)

Deploy Path: /home/ubuntu/video-transcoder

Repo: <https://github.com/imranopenbot/video-transcoder> (private)

Completed:

- Installed: Node.js 20, npm, PM2, FFmpeg, Nginx, PostgreSQL, Redis, NVIDIA driver
- GPU enabled and verified: nvidia-smi + FFmpeg NVENC encoders
- Backend build + frontend build completed
- PM2 process started: video-transcoder-backend
- Nginx configured: / -> frontend, /api -> backend
- Health checks pass: <http://203.82.52.212> and [/api/health](http://203.82.52.212/api/health)

Code/config changes made:

- app/backend/src/transcoder.ts (switched encoder to h264_nvenc for GPU)
- ecosystem.config.js (project path updated to /home/ubuntu/video-transcoder)
- .env created from .env.example for server-specific paths and DB URL

Database changes made:

- Created PostgreSQL user: video_transcoder_user
- Created PostgreSQL database: video_transcoder
- Applied Prisma schema via: prisma db push

Notes:

- Archive upload currently fails until valid AWS/Azure archive credentials are set in .env.
- Core app and transcoding pipeline are running.