

CHARBEL NASR

VIDEO ENGINEER
AV SYSTEMS SPECIALIST
IT & NETWORK INFRASTRUCTURE

CONTACT

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Portfolio · AV tools · Services

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Riyadh, Saudi Arabia
Beirut, Lebanon

PROFILE

Nationality **Lebanese**
Born **3 June 1996**
Status **Married**
Based in **Riyadh, KSA**

LANGUAGES

Arabic **Native**
English **Professional**
French **Professional**

CORE STRENGTHS

Live Event Video LED Processing

Media Servers Networking

Projection Mapping

IT Infrastructure

Security & Compliance

Digital Transformation

Project Management

Team Training

PR & Customer Care

PROFESSIONAL SUMMARY

Video engineer and AV systems specialist with a strong IT and networking foundation, working on live events, concerts and corporate shows across Saudi Arabia. Currently holds three roles at once at Entertainment Solution (KSA): **Head of IT, Head of Video and Project Manager**. Certified NovaStar technician and Barco E3 certified (2026), running LED processing, media servers (PIXERA, Resolume, WATCHOUT), Barco Event Master switching and AV-over-IP networks. Cisco CCNA, MCSA and MikroTik trained, with six-plus years of servers, security and ISP work behind it. Also builds software: founder of **StockHub**, a hosted retail POS and inventory platform with paying customers, plus show-control and kiosk apps.

10+

years of work
experience (since
2015)

3

roles held at once: IT,
Video and PM

KSA-LB

Riyadh, Jeddah and
Beirut

3

languages: Arabic,
English, French

EXPERIENCE

Head of IT · Head of Video · Project Manager

2023 – PRESENT

Entertainment Solution · Kingdom of Saudi Arabia

• HEAD OF IT

- Own and manage the company's entire IT infrastructure: network, servers, workstations, accounts and surveillance.
- Started and led the company's digital transformation, moving day-to-day operations onto modern cloud and digital tools.
- Planned and carried out strategic upgrades: legacy switching replaced with smart (managed) switching, and legacy computers replaced with pro-grade workstations and servers.
- Administer Google Workspace (users, groups, mail, shared drives, access policies).
- Responsible for IT security and compliance, plus the CCTV and surveillance system.
- Provide general IT support to all staff.

• HEAD OF VIDEO

- Specified, set up and commissioned the company's new video equipment for live events and installations.
- Deployed media-server and playback software (PIXERA, Resolume, Dataton WATCHOUT) and trained the video operators to run it.
- Certified NovaStar technician: H-Series processors, RCFGX configuration files, NovaCloud, COEX, receiving-card calibration and LED raster mapping.
- Barco E3 certified: run show switching on Barco E2/E3 Event Master and Lightware MX2 routers, with redundant signal distribution.
- Automate shows over OSC with Bitfocus Companion; align high-lumen laser projectors with edge blending and warp grids.

• PROJECT MANAGER

- Managed multiple small and medium projects end to end, covering production and AV: scope, crew, equipment, schedule and on-site delivery.

Freelance AV Operator

2022 – 2023

SELA · Riyadh & Jeddah, KSA

- Supervised and managed AVL (audio, video and lighting) installation and operation for large-scale events in Riyadh and Jeddah.
- Covered the full show cycle across video, lighting and audio: setup, live operation and teardown.

TECHNICAL STACK

VIDEO & LED

- NovaStar H9 / H15
- NovaLCT
- RCFGX
- NovaCloud
- COEX
- HELIOS
- Raster Mapping
- Card Calibration

MEDIA SERVERS & SWITCHING

- PIXERA
- Resolume Arena
- WATCHOUT
- Barco E2 / E3
- Lightware MX2
- Blackmagic Design
- NVIDIA

SHOW CONTROL & PROJECTION

- Bitfocus Companion
- OSC
- Q-SYS
- Laser Projection
- Edge Blending
- Warp Grids
- Spatial Mapping

AV NETWORKING & AUDIO

- Luminex GigaCore
- Araneo
- Dante
- Line Array
- Lighting Rigs

IT & NETWORKING

- Cisco (CCNA)
- MikroTik
- Microsoft (MCSA)
- Managed Switching
- Servers
- ISP Operations
- Google Workspace
- Security
- CCTV
- Windows 11
- Linux
- macOS
- Hardware

SOFTWARE & WEB

- Python
- Java
- JavaScript
- Node.js
- HTML5
- Vue 3
- Express
- SQLite
- Electron
- Unity
- Three.js
- SEO
- AI-assisted dev
- Microsoft Office

INTERESTS

Music (writes original tracks, including *"Glass Horizon"* on charbelnasr.com) · Books · Gaming · Sailing (licensed Yacht Master)

ALSO ONLINE

-  facebook.com/charbel.nasr.1996
-  @nasr_charbel
-  Skype: charbel.nasr.96

EXPERIENCE (CONTINUED)

IT & ISP Engineer

2019 – 2022

GegaTelecom · Beirut, Lebanon (IT / Internet Service Provider)

- Company IT lead, responsible for servers and security across the company's internal systems.
- ISP technician: installed, maintained and troubleshot customer connections and network equipment.

Admission Officer

2017 – 2019

Middle East Institute of Health · Beirut, Lebanon

- Handled patient admissions and payments, and coordinated coverage and approvals with insurance providers.

Supervisor, Cashier Department

2015 – 2017

Bou Khalil Supermarkets · Beirut, Lebanon

- Supervised the cashier team: staff schedules, cash flow and front-line customer service.

PROJECTS & VENTURES

StockHub · Founder

LIVE SAAS · LEBANON

Hosted point-of-sale and inventory platform for phone and accessories shops, sold on five yearly plans (\$300 to \$1,200) with a 14-day free trial. Covers a dual-currency (USD/LBP) till, IMEI tracking, repair tickets with WhatsApp alerts, installment plans with reminders, real profit after ad spend (Meta, TikTok, Google and Snapchat imported automatically), an online shop with Shopify sync, and end-of-day Z reports. Every shop runs on its own isolated database and subdomain, with HTTPS and nightly backups.

STACK · Node.js · Express 5 · Vue 3 · SQLite · Caddy · multi-tenant hosting

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PORTFOLIO

Interactive 3D stage rig (LED wall, moving heads, line array) controllable in the browser, plus an **LED raster calculator** that works out tile counts, power, weight and processor ports, and exports PDF spec sheets.

STACK · Three.js · JavaScript · jsPDF

NASR Photo Booth

KIOSK APP

Self-service Arabic/English photo booth: Canon EOS live view, vintage filter, Mada and Apple Pay card payment, and automatic DNP printing. Built with hardware-safe flows: it won't charge if the printer can't print.

STACK · Electron · Canon EDSDK · Node.js

Freelance Development & Show Control

CHARBELNASR.COM/SERVICES

Fixed-price delivery of interactive and kiosk web pages, **browser-based OSC control panels** for Q-SYS, Companion, media servers and lighting, Windows control and playback apps, Unity real-time experiences, and Android apps. Also offers EU-hosted maintenance.

EDUCATION & CERTIFICATIONS

2026

Barco E3 Certification

Barco · Event Master E3 screen management

2026

Certified NovaStar Technician

NovaStar · H-Series · RCFGX · NovaCloud · COEX

2025

Artificial Intelligence & Data Science

American University of Beirut (AUB) · Beirut

2025

IT Certification: Cisco CCNA · Microsoft MCSA · MikroTik

CSB Academy · Beirut

2021

Yacht Master (Restricted)

International Maritime Academy · Jounieh

STCW · Maritime English · VHF · GMDSS · Diesel Engine · Radar & ARPA

2019

Information Technology

Arab Open University · Beirut

Programming, networking, hardware and software