MAXIME ARSENEAU

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ID: MAX96811 | FULL STACK DEVELOPER / CREATIVE TECHNOLOGIST / TECHNICAL DIRECTOR

TECHNICAL SKILLS +

[LANGUAGES]	JS, TS, Java, HTML, CSS, Python, PHP
[FRAMEWORKS]	React, Node.js, Express, Electron, Three.js, Vite, WordPress/Elementor
[INFRA/NET]	Docker, ZFS, Ubiquiti (UniFi), High-Density Network Design, Linux, Windows 11 Adv.
[CREATIVE]	Adobe Illustrator, Photoshop, After Effects, Blender, OBS Studio, vMix

EXPERIENCE +

VOLARIA AIRSHOW   2022–2025
EVENT TECHNICAL MANAGER & CREATIVE LEAD

- **Master Orchestrator (Show Caller):** Directed minute-by-minute event flow, synchronizing stage, screens, and aircraft take-offs for a seamless show.
- **Strategic Logistics:** Designed master site map (Illustrator) used by Police, Airport, and City for security/logistics planning.
- **Creative Direction:** Created all visual assets: ads (Illustrator), giant screen VFX (After Effects), and signage (Photoshop).
- Managed AV and mobile stage integration for 60,000+ attendees.

DRIFT MANIA CANADIAN CHAMPIONSHIP (DMMC)   2024–PRESENT
LIVE STREAM DIRECTOR

- **Live Direction:** Managed high-stakes broadcasts, multi-camera switching, and audio leveling.
- **Production Integration:** Added drone feeds and instant replay (OBS) into workflow.
- **Initiative & Growth:** Launched livestream with existing gear, scaling it to a 5-person professional production with consistently improved quality.

ICAR MOTORSPORTS COMPLEX   2021–PRESENT
IT CONSULTANT & WEB DEVELOPER

- **Web Dev:** Built and maintained `icarexperience.ca` (WordPress/Elementor).
- **Network Engineering:** Deployed **Ubiquiti UniFi** ecosystem for 100+ devices across isolated floors.
- Orchestrated technical logistics for high-performance driving events.

EVENT FACTORY   2023–2024
AUDIO & TECHNICAL SPECIALIST

- **Audio Engineering:** Deployed large-scale audio for NASCAR and car meets.
- **Custom Solutions:** Designed wired/wireless mic and speaker setups.
- Handled live troubleshooting under high pressure.

KEY PROJECTS +

XTRANOTES
SPATIAL "VIRTUAL OFFICE" APP
- **Concept:** Visual productivity app with a spatial "Virtual Office" to organize notes/resources on shelves.
- **Tech:** Electron/Node.js app with custom vanilla JS Spatial Canvas (infinite pan/zoom).
- Built robust IPC layer for filesystem operations.

ROMSTORE
CLOUD-SYNC GAME LIBRARY
- **Concept:** Client-server app for centralized ROM storage with "Steam-like" cloud save sync.
- **Tech:** Dockerized Node.js backend, Nginx frontend, Electron client.
- Features conflict detection and version history.

CUSTOM VIDEO WALL
12-SCREEN UNIFIED DISPLAY
- **Hardware:** Built custom **NVIDIA Quadro** workstation for budget-optimized 12-screen wall.
- **Software:** Scripted video processing to map/scale content for a cohesive giant screen experience.

DIGITAL PORTFOLIO
INTERACTIVE CAREER JOURNEY
- **Concept:** 3D web experience visualizing professional evolution.
- **Tech:** High-performance site built with **Vite** and **Three.js**.

EDUCATION +

BACHELOR OF COMPUTER SCIENCE
CONCORDIA UNIVERSITY

Expected Winter 2026

THREE.JS CERTIFICATION
(In Progress)

GRADE 12 DIPLOMA
NORTH STAR ACADEMY

2021

REFERENCES +

Mireille Baida
Icar
(514) 972-4013

Jason Labrosse
Event Factory
(514) 758-4243