

PETER AZUOLAS

CHIEF TECHNOLOGY OFFICER · FOUNDING PARTNER · SYSTEMS ARCHITECT

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EXECUTIVE PROFILE

Technology executive and three-time venture-backed founder who sets engineering strategy and writes the core architecture personally. Builds large-scale streaming, real-time data, and high-availability platforms across sports betting, digital media, and interactive entertainment, then converts the hard engineering into a defensible patent portfolio that competitors must license or litigate.

Operates as fluently in IP strategy, board engagement, and gaming compliance as in code, and was a material participant in the company's regulatory approvals across seven U.S. sports-betting jurisdictions. Equally credible briefing a board, a patent litigator, or a 2 a.m. on-call channel, and known for translating strategy into shipped product.

SIGNATURE ACHIEVEMENTS

- **Founded and scaled three venture-backed companies** that raised roughly \$20M combined; personally authored the technology due-diligence materials and presented the stack directly to investors and the board.
- **Architected the patented low-latency streaming core** now foundational to the modern Watch & Bet market, deployed across ~30 partner organizations including DraftKings, USA Today, the WNBA, and NFLPA.
- **Led a 15-person engineering organization** on a \$2–3M annual technology budget, delivering one unified product across web, mobile, and OTT and mentoring multiple engineers into team-lead roles.
- **Built backend infrastructure processing 4+ billion monthly server events** at 99.97% uptime on a lean operating budget, engineered to absorb 20x viral bursts without degradation.
- **Lead / First-named inventor on 8 granted U.S. patents** spanning streaming synchronization, interactive engagement, and real-time data, with multiple pending continuations.
- **Serves as lead technical principal in PANDA's patent-infringement and antitrust litigation** against Sportradar and Genius Sports in the Eastern District of Texas.

AREAS OF LEADERSHIP

Technology Strategy · Engineering Leadership · Enterprise & Cloud Architecture · Distributed Systems · Real-Time Data & Streaming · AI / ML Integration · Organizational Scaling · Patent & IP Strategy · Gaming & Regulatory Compliance · Board & Investor Engagement · M&A & Partnership Strategy · Product Development

PROFESSIONAL EXPERIENCE

PANDA Interactive (SportsCastr, Inc. d/b/a PANDA Interactive) Las Vegas, NV

2019 – Present

Chief Technology Officer & Founding Partner

- Co-founded and scaled an enterprise interactive-streaming platform adopted across ~30 partner organizations including DraftKings, USA Today, NFLPA, and the WNBA, owning architecture and engineering strategy while serving on the board and presenting the technology stack in investor due diligence.
- Architected SocketVision, a patented engine that synchronizes real-time odds and overlays with live video without modifying the underlying stream, shifting delivery from minute-stale polling to sub-second push and cutting delivery costs an estimated 10–20x at scale.
- Drove measurable client outcomes, including helping an independent basketball league grow from zero to 20,000+ paying viewers and delivering a 6.02% click-through rate to advertisers for USA Today across 4.76M views.
- Negotiated and reviewed vendor, licensing, and partnership agreements, and built a 15-person multidisciplinary organization (plus contractors and offshore partners) shipping across web, frontend, iOS, Android, and OTT on one architecture.

- Sustained 4+ billion monthly server events at 99.97% uptime on a high-availability backend — PHP, Node.js, WebSocket, Redis, MySQL over AWS behind Cloudflare.
- Served as a material participant in the company's regulatory approvals across legal U.S. sports-betting jurisdictions including New Jersey, Pennsylvania, Arizona, Colorado, Indiana, Michigan, and West Virginia, personally disclosed on each filing.

SportsCastr New York, NY

2016 – 2019

Chief Technology Officer & Founding Partner

- Raised ~\$15M across the company's life and built the technology for a live sports-commentary streaming platform that hit 250,000 peak simultaneous viewers and generated 2,000+ hours of content weekly across a community of ~10,000 registered creators, backed by the late former NBA Commissioner David Stern, the NFLPA, and Intel.
- Established the company's foundational patent portfolio (now PANDA Interactive) by engineering low-latency streaming with sub-second viewer latency synchronized across all broadcasters and viewers.
- Delivered marquee partnerships including WNBA multi-commentator broadcasts, Nippon Professional Baseball US streaming, and DraftKings watch-along experiences.

SportsBlog.com

2012 – 2016

Chief Technology Officer & Founding Partner

- Scaled the largest open sports-blogging platform on the internet to roughly 8M readers per month (backed by ~\$5M in funding) by personally writing a backend processing 4+ billion requests per month at 99.97% uptime.
- Sustained massive UGC traffic on a minimal budget by balancing a vast cold long-tail archive against viral spikes, serving 100M+ monthly ad impressions across ~1M accounts and averaging 26% month-over-month growth over four years.

School of the Legends (SOTL) NFLPA / NFLRPA

2012 – 2013

Interim Chief Technology Officer

- Stabilized and restored a troubled rebuild of the NFLPA/NFLRPA-licensed social network for current and former NFL players, returning it to a usable, valuable property leading to successful adoption and participation by players.

BrandLab

Early Career

Lead Developer

- Shipped MVPs at a domain-industry incubator; earlier, launched the first SaaS for cryptocurrency miners in Bitcoin's early days.

PATENTS & INTELLECTUAL PROPERTY

Lead / First-named inventor on 8 granted U.S. patents and multiple pending continuations covering low-latency streaming, real-time synchronization, and interactive sports-betting technologies (the SocketVision family, 2019–2026). Personally authored the technical descriptions, edited the claims, and created the system diagrams for every filing, working directly with prosecuting counsel and patent examiners. Patent numbers available upon request.

- **Litigation:** lead technical principal (2023–present) in PANDA's patent-infringement and antitrust actions against Sportradar and Genius Sports in the U.S. District Court for the Eastern District of Texas, asserting willful infringement of foundational interactive-streaming and sports-betting patents.

EDUCATION, LANGUAGES & AUTHORIZATION

University of Hawai'i at Mānoa Honolulu, HI

2008

B.S. in Computer Science, magna cum laude

Languages: English (native) · Lithuanian (intermediate) · French (reading proficiency)

Authorization: Native-born U.S. citizen; also holds EU citizenship (Lithuania). Authorized to work in the U.S. and across the EU/EEA without sponsorship.

TECHNICAL PROFICIENCIES

Node.js, JavaScript/TypeScript, PHP, Python, Perl, C, Java · React, React Native, Astro (SSG & SSR), Next.js · AWS, Linux, Nginx, Cloudflare · WebSocket/socket servers, real-time data normalization, data warehousing · MySQL, PostgreSQL, ClickHouse, Redis · Git, CI/CD · HLS/RTMP/WebRTC, FFmpeg, interactive overlays & synchronization · iOS, Android, Apple TV, Android TV · Custom AI/ML model integration, deep learning, Vision AI, generative image pipelines