

JAMES BENITEZ

APPLICATION FOR JAVASCRIPT FRONTEND ARCHITECT

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Hiring Manager
BrightArc Media
Austin, TX

Dear Hiring Manager,

I'm applying for the JavaScript Frontend Architect role at BrightArc Media. I have 16 years of experience building consumer streaming products, including connected TV applications for Google/Android TV, Fire TV, and Samsung. My work has centered on the practical problems that determine whether a streaming product feels dependable: fast navigation, resilient playback, clear recovery paths, and interfaces that work within the limits of living-room devices.

In my current role, I set frontend architecture for a product spanning TV, web, iOS, and Android, while helping six squads move legacy JavaScript surfaces to TypeScript and React/Redux. I also reworked HLS and MPEG-DASH playback flows using Shaka Player, MSE/EME, and DRM integrations, focusing on startup failures, entitlement errors, and rendition switching reported by production telemetry. For connected TV releases, I have led decisions around remote-control navigation, focus management, memory pressure, low-bandwidth playback, and accessibility before those issues reached customers.

I can also contribute directly to BrightArc's focus on AI-assisted engineering. I have introduced Cursor and Claude Code with MCP servers and custom skills for repository exploration, migration planning, and test generation. The process included human review of design decisions, security checks, automated test evidence, and production verification rather than treating agent output as finished work. That approach earned recognition for AI-assisted testing while preserving the engineering discipline required for reliable media applications.

I work comfortably across architecture reviews and hands-on implementation, and I'm used to making tradeoffs with product, UX, security, and operations partners. I would welcome the chance to discuss how my experience with streaming playback, connected TV constraints, frontend standards, and agentic development could help BrightArc Media build more reliable experiences for its viewers.

Thank you for your consideration. I look forward to hearing from you.

Sincerely,

James Benitez

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