Justin Bell

justinbell.me | linkedin.com/in/jbell7 | **Los Angeles, CA**

WORK EXPERIENCE

Career Sabbatical / Professional Development
Founder / Senior Software Engineer
Los Angeles, CA · Jan 2025 – Present

- Architected and launched gamerelish.com, a production-ready feedback platform for gaming franchises, featuring:
  - Enterprise-grade security with 41+ RLS policies and tiered access (user, moderator, admin, owner)
  - Multi-tiered abuse prevention system with honeypots, intelligent rate limiting, IP logging, and CAPTCHA integration
  - Advanced React Query architecture using optimistic updates, cache invalidation, and automatic rollback patterns
  - Next.js 15 application with dynamic routing middleware, 100% TypeScript coverage, and runtime Zod validation
  - Supabase/Postgres backend with real-time sync, RLS, granular access control, and multi-franchise schema support
  - Email automation system with user onboarding, preference management, and feedback alerts
  - SEO optimization, progressive web app (PWA) support, and integrated analytics for performance and discoverability
  - Comprehensive test suite with 100+ passing unit and integration tests across backend and frontend
  - Leveraged AI-assisted development workflow with ChatGPT, Claude, and Cursor to accelerate feature development
- Modernized atraves.net, a React/Firebase app for cross-world messaging via antipodal maps with geospatial queries, location fuzzing for privacy, and multilingual support (12 languages)
- Developing early-stage applications in crowdfunding and collaborative writing
- Studying for the AWS Solutions Architect Associate exam (Oct 2025), focused on core AWS services and architectures

Washington Post (Arc XP)
Senior Software Engineer / Software Engineer (Promoted Apr 2023)
Los Angeles, CA · Dec 2019 – Dec 2024

- Led rebuild of WebSked's List View using React, refactoring legacy AngularJS CMS code for scalability and maintainability
- Crafted React components for Arc internal UI libraries (built with Tailwind/Bootstrap); tested with Chai, Jest, and Cypress
- Architected an org-wide config-free user authorization system in Node.js reducing admin support tickets by >40%
- Created AWS S3 metadata aggregation tools for customer deployment visibility and CI/CD debugging
- Built REST APIs, automation scripts and DynamoDB schemas enabling fine-grained RBAC
- Consolidated monthly usage data using AWS Lambda-based services
- Solution designed Featured Media appending in most used customer facing app and identified critical bottlenecks
- Led cross-functional "Trident Training Sessions" to help colleagues interface with our backend systems more confidently
- Ensured internationalization compliance (i18n) and RTL support for SLA-bound applications
- Rotated in 24/7 on-call support for live triaging and Slack-based incident response
- Implemented and maintained CI/CD pipelines and AWS cloud infrastructure

EDUCATION

Hack Reactor / Telegraph Academy – Software Engineering Immersive (2016)

Dartmouth College – BA in Sociology (2012)

SKILLS & INTERESTS

Skills: JavaScript, TypeScript, React, React Query, Next.js, Zod, HTML5, SCSS, Tailwind, Bootstrap, AngularJS, Responsive Design, Twig, Django templating, Cypress, Jest, Chai, Node.js, Express, REST APIs, PostgreSQL, Supabase, Firebase, MongoDB, Redis, Row-Level Security (RLS), AWS (Lambda, S3, DynamoDB, CloudFormation, CodePipeline), Docker, Microservices, CI/CD, SEO, Google Analytics, CAPTCHA integration, Email automation (SMTP), Git, GitHub Actions, Agile/Scrum
Interests: Music production, Travel, Writing, Social Enterprise, LA Sports (Lakers/Dodgers), Food (cooking & eating)