Justin Bell

Los Angeles, CA

WORK EXPERIENCE

Career Sabbatical / Professional Development   **Jan. 2025 - Present**

Senior Software Engineer   *Los Angeles, CA*

- Self-directed sabbatical focused on technical growth, product development, and professional recalibration
- Studying for the AWS Solutions Architect – Associate exam (July 2025 target), with emphasis on core services and distributed systems design
- Modernizing legacy side projects and developing early-stage, potentially monetizable applications in crowdfunding, blockchain, collaborative writing, and user feedback—leveraging full-stack technologies including React, TypeScript, Node, and AWS

Washington Post (Arc XP)   **Dec. 2019 - Dec. 2024**

Senior Software Engineer/Software Engineer (promoted April 2023)   *Los Angeles, CA*

- Arc XP provides clients with a robust Digital Experience Platform for content distribution across various channels
- Led the complete rebuild of WebSked's List View; refactoring a complex legacy AngularJS CMS to use React, enhancing feature set and ensuring scalability and maintainability
- Crafted numerous React components using Bootstrap, Tailwind and CSS that were adapted into internal component libraries and used Chai, Jest and Cypress for unit, integration and end to end testing of single page applications comprised of said components
- Architected an org-wide, config-free user authorization system simplifying access control across all applications in Node.js and reduced client admin support requests by more than 40%
- Built a Node.js and AWS S3 metadata aggregation tool, providing real-time deployment/configuration visibility for each client instance/environment within Arc XP making CI/CD and container level debugging much easier to reason about
- Developed RESTful APIs, automation scripts, DynamoDB schemas enabling granular role-based access control (RBAC)
- Created a Lambda based, Node.js application that consolidated organization metadata and was used for monthly metering numbers
- Solution designed the ability to append featured media in Arc XP's most used user facing application (Composer) identifying a critical bottleneck in another team's backend service and facilitating a fix to keep the project's release timeline on track
- Acted as lead instructor for numerous "Trident Training Sessions" enabling colleagues across various teams to be confident ambassadors and GitHub reviewers for Trident, an app under our team's purview and the most used backend application at Arc XP
- Regularly performed i18n audits and text/string translation submissions to ensure our applications were fully translated and interpolated for all of our SLA languages and were right to left (RTL) compliant for the requisite languages
- Provided 24/7 rotational on-call support, handling questions in Slack and triaging bugs and support requests
- Implemented CI/CD best practices to oversee and validate numerous feature deployments within the AWS ecosystem, contributing to the setup and maintenance of cloud infrastructure and system health

GoFundMe (CrowdRise by GoFundMe)   **Oct. 2018 - May 2019**

Frontend Developer   *Los Angeles, CA*

- GoFundMe is the world's largest crowdfunding platform, and CrowdRise is tailored for charity and event fundraising
- Developed Account Settings and Button Management projects using React, Redux, and modern frontend tools
- Sole frontend developer on the then new Report Center project, leveraging Symfony/Twig, jQuery, and CSS3
- Contributed to platform features, including enabling users to publish and unpublish campaigns

Microsoft (Azure Hybrid Networking ExpressRoute)   **Mar. 2018 - Jun. 2018**

Technical Program Management Fellow   *Redmond, WA*

- Azure Hybrid Networking ExpressRoute connects customer on-premise networks with Azure via connectivity partnerships
- Procured, diagrammed, and deployed over $800,000 of networking equipment for Ashburn and Seattle labs
- Optimized team-managed lab intake processes to expedite testing of new features and customer scenarios

EDUCATION

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

Dartmouth College   **2012**

Bachelor of Arts in Sociology   *Hanover, NH*

SKILLS & INTERESTS

- **Skills:** Microservices; CI/CD; Cross-Browser Compatibility; TypeScript; JavaScript; HTML5; CSS; Bootstrap; SCSS; Tailwind; ES6; Django templating; Twig templating; JIRA; React; AngularJS; Express; Node; MongoDB; Cypress; Jest; Chai; AWS DynamoDB; AWS Lambda; AWS Cloudwatch; AWS Container services; AWS Simple Service Storage (S3); AWS Cloudfront; AWS Cloudformation; AWS Codepipeline; AWS Codebuild
- **Interests:** Music production; Travel; Writing; Social Enterprise; LA Lakers & Dodgers; Philadelphia Eagles; Food (cooking & consuming)