

# Bishop Zareh

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## Skills

React, TypeScript, Node.js, GraphQL, RESTful APIs, relational databases, automated testing, CI/CD, React Native, Design Systems, HTML/CSS, state management, web performance, responsive web design, accessibility, Docker, Agile, AWS, AI/ML

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## Experience

### Independent Contractor

*Self-employed | Austin TX | 8m, 5/25 – Present*

Built and deployed full-stack web and mobile applications using React, TypeScript, Node.js, and GraphQL against modern cloud infrastructure (Railway, Cloudflare, OpenRouter). Conducted technical research in AI-assisted development workflows (Cursor, Copilot, Claude) and emerging web technologies. Delivered contract work for select clients.

### Senior Software Architect (Frontend)

*Vertafore | Denver CO | 10m, 7/24 – 4/25*

Bridge between design and architecture across ten web-based products. Developed and documented React/TypeScript design patterns and component libraries (Storybook) used by all engineering teams. Worked directly on an engineering team building business-logic features in React and TypeScript; performed code reviews in TypeScript and Java; debugged failing Playwright tests; maintained GitLab CI/CD pipelines.

### Senior Software Engineer (Frontend)

*Amdocs Studios | Seattle WA | 2y 7m, 8/21 – 4/24*

Embedded expert at Amazon. Led five engineers migrating an in-production AWS service (26 global regions, 6 languages) to a modern React/TypeScript design system. Built features consuming AWS APIs (DynamoDB, Lambda, CloudWatch). Owned the project's E2E testing initiative with Cypress — full application coverage automated in a custom CI/CD pipeline.

Built a 1,000+ page Markdown documentation site (Gatsby). Researched LLMs and built the company's thought leadership platform, MATTER, nominated for an Awwwards Site of the Day.

### Senior Creative Technologist

*Karsh Hagan | Denver CO | 3y 5m, 4/18 – 8/21*

Full-stack delivery across 20+ accounts: websites (React, TypeScript, Node.js), mobile apps (React Native), RESTful and GraphQL APIs, voice apps (Alexa/Lambda), dashboards, animated microsites, and large CMS-driven content sites. Architected three Node.js web products for an internal startup incubator.

Collaborated with brand teams on advanced integrations: analytics (Google), chat bots (Slack), augmented reality (ARKit), machine learning (TensorFlow), and blockchain (Ethereum). Built a social-action app for Aspen Snowmass that won an Ad Club of Colorado award.

### Senior Frontend Engineer

*Bloomfire | Austin TX | 1y 4m, 4/14 – 7/15*

Built animating UI components for rich-text editing, member management, and complex analytics data tables at an Austin Ventures-funded startup. Collaborated closely with UX/UI designers.

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## Certifications

Adobe Certified Trainer

Google Cloud Certified Trainer

Autodesk Certified 3ds Max Trainer

Apple Video Certified Trainer

Certified Blockchain Professional

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## Education

### Adjunct Faculty – New Media Animation

School of the Art Institute of Chicago | Film, Video, New Media Animation Dept | Chicago IL | 6y, 1/05 – 1/11

Taught senior undergraduate courses in new media animation and distributed video network design.

### Undergraduate – Advanced Communications Theory Laboratory

University of Texas at Austin | Radio, Television, Film Dept | Austin TX | 2y 9m, 8/97 – 5/00

Learned technical aspects of cinema production and its cultural and historical context.

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## Testimonials

*"I have been in this industry for quite some time, and I have rarely had the privilege to work with someone as intelligent and accomplished as Bishop. He possesses extensive knowledge and consulting experience, establishing him as a subject matter expert in front-end development and related areas such as testing, design and overall UX. Multiple coworkers have observed and commented on his ability to estimate effort accurately and to rapidly grasp new technologies, leveraging a solid foundation to attain mastery in any subject he tackles."*

### Brand Hilton, Solution Architect at Amdocs Studios

*"I loved having Bishop on our front-end engineering team. He was a top contributor and helped deliver some fantastic, quality new features to our application as well as to help pay down old technical debt. He was professional and hard-working, communicated well, and was always reliable."*

### David McCullars, Senior Staff Engineer at Shopify

*"Bishop has always impressed me with his ability to solve problems with technology — he could engineer a solution to do almost anything. When you have a tough technology problem, he is a good one to have on your team!"*

### David Stewart, VP Innovation at Karsh Hagan