

# Jason Johnson

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## TECHNOLOGIES & TALKS

- JavaScript (ES6+), TypeScript, React, Node.js, Express.js, HTML, CSS + SASS, Redux, Next.js, GraphQL, Amazon Web Services (S3, EC2, RDS), Jest, SQL, NoSQL, PostgreSQL, MongoDB, Redis, Git/GitHub, version control, MUI, Ruby, Ruby on Rails, Python, UI/UX, Firebase, DevOps, Bootstrap, jQuery, mobile first development, RESTful architecture, Object Oriented Programming
- Talk: [Introduction to React Hooks \(2023\)](#)

## EXPERIENCE

**Glassdoor** | Platform for Workplace Conversations  
Front-end Software Engineer Intern

May 2025 – Present

- Built the feature to add a new company within the company review survey using advanced React reducer patterns, custom GraphQL queries/mutations and dynamic form validation, increasing employer review survey submissions by 6%
- Refactored and migrated multiple legacy autocomplete React components, implementing complex state orchestration and refined user interactions to achieve accessibility compliance (WCAG) and UX consistency across 4 survey workflows
- Architected A/B test infrastructure with Amplitude to redirect employed users from salary surveys to company review surveys during the community registration flow, resulting in 102% increase in total survey submissions
- Boosted test coverage by 94% across all salary survey modules by creating type-safe unit and integration tests with TypeScript, Jest, and React Testing Library, ensuring consistent validation of UI and business logic within the complex multistep form
- Enhanced developer experience by creating interactive Storybook documentation with MSW integration for GraphQL API mocking and i18n context setup across multiple user registration steps

**Konvene** | Convention Event Organization and Management Application  
Software Engineer

Dec 2023 – Dec 2024

- Designed and implemented 10+ responsive React pages using mobile-first design principles, leveraging MUI to deliver a cohesive, visually consistent user interface/user experience across 3 user roles (vendor/owner/attendee) within the application
- Engineered the frontend authentication architecture using React Router and Context API, building protected routes with role based navigation, persistent session management with JWT tokens, and intelligent route redirection preserving user navigation state
- Developed 10+ comprehensive PostgreSQL database tables, implementing Ruby on Rails model associations, validations, and custom methods to support vendor applications, event addons, payment processing (Stripe) and email notifications(ActionMailer)
- Deployed CI/CD pipelines for PostgreSQL schema and migration deployments using Github Actions, streamlining the deployment process and ensuring continuous integration and delivery of high quality code updates to production

**Scribe** | Test Generator for GraphQL Types, Queries, and Resolvers  
Software Engineer

Sep 2022 – Jul 2023

- Created a front end React user interface featuring an integrated code editor tailored for inputting GraphQL queries/mutations, allowing users to generate, edit and save various automated Jest tests
- Utilized Redux Toolkit and flux architecture to create a centralized front end state-management system, greatly improving code readability by reducing complex prop-drilling and event-handling implementation within components
- Configured backend Express.js/Node.js server to generate standardized type-safety, unit, and integration Jest tests for user-submitted GraphQL schema, queries, mutations, and other resolvers, in accordance with Apollo GraphQL
- Optimized server side caching of API requests with Redis, reducing database queries and improving response times up to 80%
- Developed product under Open Source tech accelerator OS labs

## PROJECTS

**Tasket** | Workspace and Task Management Platform | Software Engineer

2025

- Created a full-stack Next.js 14 application with a robust workspace/task management system using Server Components for initial rendering, Appwrite for backend services and Hono for API routing

**EventFinder** | Application for Finding and Managing Events | Software Engineer

2022 - 2023

- Architected a scalable event discovery platform using React, TypeScript, and Node.js, featuring real-time event search, geolocation integration, event details and filtering capabilities

**CSE Society: Aviation Hack 2023 Hackathon** | Aviation Inspired Game | Software Engineer

2023

- Led 72-hour dev sprint to build an aviation themed game using React. Awarded 1st place overall among 100+ individual participants.

## EDUCATION & INTERESTS

**University of California, Riverside** | Bachelor of Science, Cum Laude

- Interests** lofi music production, weight lifting, running, fantasy novels, Breaking Bad