

OBJECTIVE

I'm a principal full stack engineer with 10+ years of experience building and scaling web applications to millions of users for startups and medium-sized companies.

SYNOPSIS

jbrubaker [--full-stack] [--ui-ux] [--devops] [--startups] [--leadership] [--passion]

SUMMARY

- 10 years of software development experience across multiple industries including esports coaching, real-time collaboration, healthcare, finance, e-commerce, and marketing
- 8 years of experience developing APIs (GraphQL | gRPC | REST) using Typescript, Go, and PHP
- 7 years of experience architecting SPA/SSR apps w/ modern Typescript (React | Vue | Electron)
- 6 years of experience designing and scaling apps across cloud infra (AWS | GCP | Pulumi | Opal)
- 4 successful startup experiences as manager and IC (Blitz | Switchboard | Premier | Omni)
- Launched and maintain a free learning platform for developers: spacetraders.io

OPTIONS

- full-stack
 - Backend: Node.js, Express, Laravel, GraphQL, gRPC, WebSockets, Puppeteer, Crypto
 - Frontend: React, Redux, Vue, Electron, Jest, Tailwind, Vite, Remix, Next.js
 - Data: PostgreSQL, MongoDB, Redis, Kafka, Firebase, Elastic Search
 - GCP: GKE, Compute Engine, Cloud SQL, Cloud Run, PubSub, Monitoring, Vision API
 - AWS: EKS, EC2, Cognito, KMS, RDS, Lambda, Route53, Amplify, S3
 - Infra: Kubernetes, Docker, Pulumi, Opal, Nginx, Traefik, Github Actions, Cloud Build
- ui/ux
 - Expert UI/UX developer delivering high-performing, animated, pixel-perfect responsive code
 - Extensive experience performance tuning frontend interfaces using the latest tools and best practices in state management, memory profiling, and render debugging
- devops
 - Architected and deployed infrastructure-as-code using latest tools for automatic provisioning, deployment, and testing across multiple cloud environments w/ Docker, Kubernetes, and Pulumi
 - Expertise with instrumentation and observability (Datadog / Cloud Monitoring / Sentry)
- startups
 - Extensive history working in startup environments w/ successful market deployments from Sequoia, Shark Tank, and privately backed companies: Blitz, Switchboard, Little Bear, BoostCapital, TopsyElves, PureStudio, Premier
- leadership
 - Reported directly to founders and CEOs to double / triple team size while maintaining velocity during periods of rapid growth (Blitz / Switchboard / Little Bear / Premier)
 - Experienced lead working against ambitious deadlines to prioritize, scope, and deliver core product features while clearly communicating progress and risk to stakeholders
- passion
 - I'm a voracious learner coming from a self-taught background w/ deep expertise across the full stack. I'm a systems thinker, both technically and organizationally, with a drive for continuous improvement and innovation.

REFERENCES

- Blitz: blitz.gg
- Switchboard: switchboard.app
- Little Bear Labs: littlebearlabs.io
- SpaceTraders: spacetraders.io
- Topsy Elves: tipsyelves.com

EDUCATION

University of California, Berkeley (BA), 2011

WORK HISTORY

Blitz (2022 - current)

Principal, Frontend Engineering

- Spearheaded completion of a critical rewrite of the frontend architecture, resulting in a huge success to stabilize revenue and improve product performance for our 3M+ monthly active users.
- Optimized core platform performance after launch, cutting critical page load times by 500% while mentoring the team on best practices for memory profiling and render debugging.
- Implemented cost-effective tooling and processes for frontend live-ops, enabling the team to detect under-reported issues that halved our response times for resolving critical incidents.
- Led our ability to templatize and rapidly launch new titles from 6 months down to 6 weeks.

Little Bear Labs (2020 - 2022)

Lead Full Stack Engineer w/ Switchboard

- Team lead bringing Sequoia-backed Switchboard from seed round to public Beta and Series A during a period of rapid growth and team expansion, increasing team size to 20+ engineers.
- Led implementation of patented collaborative virtualized browsers w/ real-time, end-to-end encrypted browser profile persistence (VNC / WebExtensions API / Crypto / AWS KMS)
- Led full stack implementation of core product features infinite canvas, real-time chat, and calendar sync which allowed our product teams to critically onboard and validate new customers.
- Supported efforts on Little Bear Labs internal product Arcas to deliver next-gen tooling and services for real-time collaborative applications (Node.js / gRPC / Rust / libwebrtc).

Premier Health (2018 - 2020)

Head of Engineering

- Built a team of ten engineers, two designers, and three data scientists at a fast-paced healthcare management company. Worked directly with the CEO to manage day-to-day operations of the tech team while implementing features to drive growth and stability.
- Implemented microservices architecture for automating and processing critical data aggregation pipelines, reducing reporting turn-around times from weekly batches to same day (under 60s).
- Reduced team turn around times by 4 weeks through structured processes around feature planning, design, execution, and code reviews.

Boost Capital (2020) <Contract>

Cloud Architect

- Worked directly with the CTO to extend API endpoints and process real time chatbot data using Google Cloud (GKE, Cloud Functions, Vision API).

Omni Holding Company (2017 - 2018)

Lead Full Stack Engineer

- Developed SaaS platform from the ground up w/ launch partner Pure Cycling Studio including integrated POS system, fitness metrics, user profiles, billing, and scheduling.

Tipsy Elves (2015 - 2017)

Senior Full Stack Engineer

- Led frontend redesign and platform re-architecture from Magento to a scalable in-house solution for 100k+ monthly users (GCP / Laravel / Vue / MySQL / Redis).

Merch Connection (2015 - 2016)

Contract / Software Engineer

Rescue Agency (2014 - 2015)

Integrated Marketing Specialist

Immersive Youth Marketing (2013 - 2014)

Digital Strategist / Web Developer