Joel Brubaker - github.com/thebrubaker - joelbrubaker.com - contact@joelbrubaker.com - 858.790.2572

SUMMARY

I'm a senior software engineer with 10 years of experience building web applications and leading teams at VC-backed startups. I bring a unique skill set working across the full tech stack, with hands-on experience scaling applications to millions of users.

SYNOPSIS

- 10 years of software development experience across multiple industries including finance, esports, interactive work spaces, healthcare, e-commerce, and marketing
- 8 years developing APIs (TypeScript | Go | REST | GraphQL | gRPC)
- 7 years building client apps (React | Vue | Electron | SPA | SSR)
- 6 years architecting and scaling cloud services (AWS | GCP | Pulumi)
- 4 successful market deployments (Mayfair | Blitz | Switchboard | Premier)
- created a popular programming game where developers sharpen their skills through collaboration and competition (spacetraders.io)

TECH STACK

- Backend: TypeScript, NestJS, GraphQL, WebSockets, Laravel, Go, gRPC
- Frontend: React, Redux, Vue, Electron, Jest, Tailwind, Vite, Remix, Next.js
- Data: PostgreSQL, MongoDB, Redis, Kafka, Firebase, Elastic Search, Prometheus
- GCP: GKE, Compute Engine, Cloud SQL, Cloud Run, PubSub, Monitoring, Vision API
- AWS: EKS, EC2, Cognito, KMS, RDS, Lambda, Route53, Amplify, S3
- Devops: Kubernetes, Docker, Pulumi, Opal, Nginx, Traefik, Github Actions, Cloud Build
- Integrations: Auth0, Stripe, Treasury Prime, Twilio, Customer.io, Algolia

REFERENCES

- Mayfair: getmayfair.com
- Blitz: blitz.gg
- Switchboard: switchboard.app
- Little Bear Labs: littlebearlabs.io
- SpaceTraders API: spacetraders.io
- Tipsy Elves: tipsyelves.com

EDUCATION

- University of California, Berkeley (BA), 2011

WORK HISTORY

Mayfair (2023 - Present)

Lead Software Engineer

- Engineered and automated financial operations including monthly payouts and daily transfer rules, alongside developing a reporting module for end-of-year audits, leveraging full-stack capabilities to enhance efficiency and compliance.
- Extended integrations with Stripe and Treasury Prime APIs, and implemented a referral bonus yield system to drive customer growth and retention.
- Led the implementation of automated financial solutions, significantly reducing manual processes and improving the financial service experience for customers.

Blitz (2022 - 2023)
Principal Engineer
  - 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.

Little Bear Labs (Contracted to Switchboard) (2020 - 2022)
Lead Full Stack Engineer
  - Team lead bringing Sequoia-backed Switchboard from seed round to public Beta and Series A
    during a period of rapid growth and team expansion
  - Led implementation of patented collaborative virtualized browsers w/ real-time,
    end-to-end encrypted browser profile persistence (VNC / WebExtensions API / 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 new customers.

Premier Healthcare Management (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.

Omni Holding Company (2017 - 2018)
Lead Full Stack Engineer
  - Developed SaaS platform from the ground up with 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).

Rescue Agency (2014 - 2015)
Integrated Marketing Specialist

Immersive Youth Marketing (2013 - 2014)
Digital Strategist / Web Developer