

Ben Guthrie

Staff Software Engineer and Team Lead

Salt Lake City, UT, United States | [LinkedIn](#) | [GitHub](#)

Full-stack engineer focused on systems architecture, infrastructure optimization, and technical leadership across high-scale applications.

EXPERIENCE

Staff Software Engineer and Team Lead Oct 2024 — Oct 2026
SchoolAI *Lehi, UT*

Architected a full-stack application rearchitecture across 25 engineers and five teams. Migrated nearly 1 billion rows in a week with zero downtime, eliminated recurring chat outages through structured validation, and improved LLM prompt cache-hit rates from 20% to 90%. Established domain-based services to consolidate duplicate logic, co-authored engineering principles adopted by 40 engineers, and cut infrastructure costs by \$80,000 monthly.

Senior Full-Stack Software Engineer | Architecture, Vue, TypeScript, GoLang Apr 2023 — Oct 2024
Vasion *Utah, United States*

Directed planning and architecture for 10+ features while mentoring teammates. Redesigning the legacy print job management service to cut processing time by 50% and built a flexible rule-based action architecture for print jobs. Led weekly engineering discussions and presented five trainings on front-end architecture, collaborating with the platform team to build a shared design system used across seven applications.

Full-Stack Software Engineer | React, TypeScript, Node, PostgreSQL Jun 2019 — Apr 2023
Pluralsight *Draper, Utah, United States*

Architected a platform consolidating redundant features across 5+ teams and services. Led cross-functional collaboration between product, design, engineering, and architecture teams on 50+ new features. Expanded automated test coverage across 3 services to run in under 20 seconds, revamped CI/CD pipelines to reduce deployment time from 10 to 2 minutes, and refactored service deployments from EC2 to Kubernetes. Authored a Node library for Kafka consumed by 20+ services and developed React component libraries.

Full Stack Engineer Intern | React, TypeScript, Node, PostgreSQL Apr 2018 — Aug 2018
Pluralsight *South Jordan, Utah*

- Maintained full-stack application built with technologies including Typescript, React, Redux, Express, Node, and PostgreSQL
- Expanded automated test suite for multiple services
- Deployed services using continuous integration and continuous deployment services, such as TeamCity

Software Engineer Intern | AngularJS May 2017 — Aug 2017
3M HIS *Murray, Utah*

- Learn AngularJS basics
- Refactor current settings application page from jQuery to AngularJS
- Share weekly learnings with team about AngularJS

EDUCATION

Georgia Institute of Technology Sep 2021 — Aug 2021
Master of Science - MS in Computer Science

Brigham Young University Aug 2013 — Jun 2019
Bachelor of Science - BS in Computer Science

CERTIFICATIONS

TensorFlow Developer Certificate, TensorFlow Certificate Program

SKILLS

Firestore · Redis · Next.js · Tailwind CSS · Datadog · turborepo · zod · pnpm · Prisma ORM · Google Cloud Platform (GCP) · BullMQ · TRPC · Tanstack · Zustand · Computer Accessibility · Model Context Protocol (MCP) · Large Language Models (LLM) · I18n · System Architecture · Technical Staff Management · Managing Technical Personnel · Technology Leadership · React.js · Node.js · TypeScript · JavaScript · Vue.js · Redux.js · Cascading Style Sheets (CSS) · SASS · Express.js · Go (Programming Language) · Amazon Web Services (AWS) · Amazon SQS · Amazon Simple Notification Service (SNS) · Amazon S3 · RabbitMQ · Apache Kafka · Gitlab · Github Actions · TeamCity · Docker · Kubernetes · Helm · Mocha (JavaScript Framework) · Jest · React Testing Library · PostgreSQL · MySQL · Git · Vite · Gin · Prisma · SQLite · Mocha · Vitest · Playwright · Claude Code · Cursor · Full stack · React