

# AUSTIN BURGARD

Senior Software Engineer · 7 yrs · TypeScript, React, Node, Python

*Senior full-stack engineer shipping AI features end-to-end — production LLM pipelines, structured experimentation that promotes winners on data, and performance-first frontend platforms. Greenfield to GA, often solo.*

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## EXPERIENCE

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**Senior Software Engineer · RealWork Labs · Jan 2025 – Present**

*Customer review and reputation platform for home-services contractors.*

- **Owned the company's new analytics product from spec to GA** — now the primary sales demo for RealWork's AI voice-calling product. 273 paying contractor accounts, 750 users, ~205K reviews processed in 90 days (peak 28K/day). Built the full vertical solo, including a two-phase OpenAI pipeline that surfaces sentiment and trending issues from transcripts and reviews — split to keep token costs predictable.
- **Stood up the company's first structured experimentation platform** and ran the inaugural test across 587 accounts in 5 cohorts. The winning variant lifted review-link click rate 6.13% and conversion 3.66% and was promoted to the default for every account.
- **Architected the rendering pipeline for the company's embeddable widget platform** — deployed across ~2,600 customer sites. Took Lighthouse scores from all-red to 95–100 across SEO, performance, and accessibility, with sub-half-second load times. Now the standard for every new widget RealWork ships.
- **Built out the company's new data API from spec to production** — now the standard for all new backend work. Single source of truth for types and validation, with a typed client SDK for the frontend.
- **Shipped the outbound sales platform solo** — originally scoped for two engineers. A resumable data pipeline and React SPA processing ~2,600 prospect records monthly, with an interactive map UI for lead capture.

**Senior Frontend Engineer · Prismatic · Oct 2023 – Aug 2024**

*Developer platform: integration-platform-as-a-service for B2B SaaS companies.*

- **Primary engineer on the code-generation system inside Prismatic's open-source TypeScript SDK (spectral).** Built the CLI tooling, templating, and conversion layer that auto-generates fully typed integration packages from customer-authored component definitions, with validation rules and automated CI/CD publishing — a foundational developer-tooling system used by every Prismatic customer building integrations.

**Senior Software Engineer · TripleBlind · Dec 2021 – Oct 2023**

*Privacy-preserving data-collaboration platform for regulated industries.*

- **Designed and shipped a full-stack synthetic data-generation feature** — customers upload a dataset, select a column, change its type, and generate mock data on demand. Schema design, server services, and React UI end-to-end.
- **Led the frontend data-fetching and build-tooling modernization across the entire app** — migrated to React Query and replaced the Webpack build with Vite. Retired a homegrown caching layer, eliminated a recurring class of stale-data bugs, and established Vite as the standard for downstream applications.
- **Mentored a junior frontend engineer** through structured PR reviews, weekly 1:1s, and design pairing sessions.

**Software Engineer** · **Prenda** · Jul 2020 – Dec 2021

*K-8 micro-school platform serving parents and teaching guides.*

- **Led the company's TypeScript migration and the design-system rollout** across the parent and teacher products — establishing the component library, type conventions, and frontend standards used by every engineer on the team.
- **Owned the calendar and scheduling system end-to-end** for the teacher product — the core surface teachers used to book sessions and class times. Full-stack: React frontend, Express/PostgreSQL backend.

**Software Engineer** · **C2FO** · Sept 2019 – Jul 2020

*Working-capital marketplace connecting suppliers and enterprise buyers.*

- **Cut latency 24% and CI runs 33% on revenue-path APIs**, and stood up the team's first load-testing practice.

## INDEPENDENT PROJECTS

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**Offshelf** — Live on the iOS App Store · Open source · [github.com/awburgard/offshelf](https://github.com/awburgard/offshelf)

A reading-tracker app for people trying to read more and scroll less. Flip your phone face-down to start a reading session — sessions log automatically, no streaks or gamification. Solo build: React Native (Expo), local-first SQLite, accelerometer-based detection state machine, weighted multi-source book search (Hardcover GraphQL primary, Google Books fallback). 4.02% page-view-to-install conversion from 939 impressions and 84 product page views.

*In development:* **Almost Dawn** — a mental-health crisis app that automates the hardest part of getting help: asking for it. Solo build on React Native, Supabase, and an edge-function backend. TestFlight beta.

## STACK

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**AI** OpenAI (production), Claude Code, prompt engineering, multi-step LLM orchestration, AI-augmented development workflows

**Frontend** TypeScript, React, React Native (Expo), Preact (SSR), Vite, TanStack Query, XState, shadcn/ui, Tailwind

**Backend & data** Node.js, Fastify, Express, Python, Django, GraphQL, PostgreSQL, SQLite, BigQuery

**Infrastructure** AWS (Lambda, CDK, S3, EventBridge), Supabase (Postgres, Deno edge functions), Docker, Sentry, GitHub Actions

## EDUCATION

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**Software Engineering Certificate** — Prime Digital Academy

**B.S. Exercise Science** — Truman State University