

Keith Downing

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Professional Summary

Full-stack product engineer with 4+ years building TypeScript, React, Next.js, Django, GraphQL, and PostgreSQL applications. Strong in admin tools, forms, permissions, integrations, exports, and data-heavy product work.

Technical Skills

Frontend: React, Next.js (App Router), TypeScript, Tailwind CSS, Storybook

Backend: Django, Node.js, PostgreSQL, Supabase

API & Data: GraphQL (Apollo / Graphene), Drizzle ORM

Validation & Auth: Zod, Clerk

Integrations: Stripe, Dell Boomi (workflow development), Google Maps, QuickBooks

Tools: Git, Bitbucket, Jira, Agile (Scrum), CI/CD

Languages: TypeScript, JavaScript, Python, SQL

Professional Experience

Play1 Media

July 2025 – September 2025

Full-Stack Developer

Play1 — Enterprise Fundraising SaaS Platform

- Shipped a TipTap rich text editing experience with toolbar, color picker, link popover, and heading controls.
- Resolved 17 GitHub issues across authentication, organization context, sponsor directory UX, and outreach pages.
- Contributed 3,400+ net lines of TypeScript/React in a Next.js 15 Turborepo with Supabase Auth and Drizzle ORM.
- Fixed organization-context bugs that affected direct navigation in a multi-tenant SaaS app.
- Improved sponsor directory navigation with unique URL paths, scroll behavior fixes, and cache cleanup.

APAX Software

January 2022 – Present

Full-Stack Software Engineer / Product Owner

ABG Rebate App

- Built customer, program, invite, submission, flag, and export workflows for an internal rebate app.
- Delivered 35 Jira tickets across user roles, onboarding, program status rules, export reconciliation, and bug fixes.
- Used Next.js, Supabase, Drizzle ORM, and Zod to keep forms, server actions, and database updates typed.
- Added duplicate submission checks, program eligibility rules, and invite revocation behavior.

Mass Lodge — Enterprise Travel Management Platform

- Served as full-stack engineer and acting product owner on an internal ERP platform built with Next.js, Supabase, Drizzle ORM, Zod, and Clerk.
- Contributed 397 commits across ~390 PRs and resolved 327 Jira tickets during an 18-month engagement.
- Built reservations, request management, and print-document workflows that replaced spreadsheet-heavy operations.
- Led backlog grooming, sprint planning, demos, and retrospectives while turning stakeholder feedback into shipped features.
- Integrated QuickBooks, Google Maps, Zoho, and internal services for billing, logistics, and customer support workflows.
- Balanced feature delivery with stability work across booking, billing, and multi-tenant data flows.

FindHelpNow — CDC-Funded Public Health Platform

- Developed public- and admin-facing features using React, Next.js, GraphQL, and Django.
- Contributed 216 commits and ~210 merged pull requests over a 2.5-year engagement.
- Improved facility admin, accessibility, and reporting workflows for a multi-state public health platform.
- Built facility forms for contact details, hours, availability, policies, publication, and service data.
- Implemented Google Maps address entry and GA4 custom events for jurisdiction-level reporting.
- Resolved production issues while maintaining a type-safe GraphQL and TypeScript workflow.

United Motorsports — E-Commerce Storefront Platform — Frontend Engineer | March 2022 – November 2022

- Built customer-facing features for a React and TypeScript e-commerce storefront, contributing 65 commits and 32 merged pull requests.
- Developed core checkout and purchase flows, including cart management, shipping selection, order summaries, promo code validation, and Stripe payment integration.
- Implemented authenticated user account and address management using Formik/Yup validation and GraphQL mutations.
- Created 15+ reusable UI components adopted across checkout, cart, and account domains.
- Contributed to Dell Boomi integration workflows, preparing API contracts and middleware logic for future backend connectivity.
- Worked with backend and design teammates to ship storefront UI within sprint timelines.

Awesome Inc

September 2022 – August 2023

Bootcamp Instructor (Part-time)

Web Development Bootcamp — Warmups Instructor

- Facilitated daily coding warmups in a 16-week full-stack bootcamp, guiding students through problem-solving and foundational concepts.
- Adapted teaching for in-person and remote formats while collaborating with lead instructors on curriculum integration.
- Provided mentorship and feedback to foster critical thinking and support student success.

Prior Experience

Lexington-Fayette Urban County Government

May 2020 – August 2021

Financial Coordinator

- Managed \$26M+ in state and federal grant funding across 49 active programs, building habits around compliance, auditability, and operational accuracy.
- Prepared compliance and financial reports for local, state, and federal oversight.
- Reviewed contracts, reconciled budgets, and supported audit activities.

Creative Lodging Solutions

March 2013 – May 2020

Customer Service Consultant ' Account Manager ' Billing Specialist

- Advanced through three roles, ultimately managing billing operations for 25+ enterprise clients.
- Led invoice reconciliation and delivery while maintaining financial accuracy and client trust.
- Collaborated with AP/AR teams to resolve disputes and keep billing workflows moving.
- Provided QA feedback on internal software while supporting long-term client relationships.

Education

Awesome Inc U

Graduated December 2021

Full-Stack Web Development Bootcamp

University of Kentucky

B.S. Business Management

Graduated December 2012