



# Daniel Toby Kreiger

## Senior Software Engineer and Musician

Frontend developer



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github.com/dankreiger



stackoverflow.com/users/3893001/dan-kreiger



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## SKILLS

JavaScript

TypeScript

React

React Native

Functional Programming

Angular

Redux

NodeJS

HTML5/CSS3

Jest

AWS

Webpack

Google Cloud

Ruby (contributor)

Ruby on Rails

Git

Bash/Shell

SQL

Agile

Scrum

Jira

Kubernetes

Cypress

## WORK EXPERIENCE

### Work Sabbatical

#### Career Break

04/2025 - Present

Berlin

##### Achievements/Tasks

- Deepened expertise in modern frontend architecture across React, TypeScript, Next.js, Angular, and Vue
- Explored agentic development workflows, including building and iterating with AI-assisted tooling (e.g. Claude Code) to accelerate feature development and debugging
- Continued hands-on development across frontend and AI-driven workflows to stay aligned with current industry practices
- Focused on personal health and structured living environment improvements to support long-term performance and sustainability

### Senior Frontend Developer

#### Almedia GmbH

01/2025 - 03/2025

Berlin (hybrid)

Almedia develops advertising technology and user acquisition tools for digital platforms.

##### Achievements/Tasks

- Contributed to a large React app with real-time global state updates via WebSocket for live user purchases.
- Built a feature that rewarded users for adding an iOS shortcut to the app.

### Senior Software Engineer

#### bex technologies GmbH

08/2023 - 11/2024

Berlin (remote)

Bex digitizes the process from ordering to delivery on the construction site.

##### Achievements/Tasks

- Built a multistep, multistage ordering process with Angular
- Upgraded the app and CI pipeline to include end-to-end (e2e) and integration testing
- Enhanced customer-facing features to include more real-time statistics
- Built and maintained a monorepo of versioned npm packages (types, runtime schemas, mocks) generated from a REST API specification to ensure fullstack alignment, reduce manual code, and improve system reliability. Significantly reduced Sentry errors and brought type-related production bugs down to near zero, eliminating a common source of system failures.

## LANGUAGES

English



German



Spanish



## INTERESTS

music

running

socioeconomic theory

## WORK EXPERIENCE

### Senior Frontend Engineer

Gigs GmbH [↗](#)

02/2023 - 08/2023

Berlin, Germany

*Gigs is the easiest way to offer wireless subscriptions for smartphones & wearables.*

#### Achievements/Tasks

- Implemented Sentry issue tracking and replay videos, integrating them with Slack notifications to inform the team of incoming issues, errors, or performance regressions.
- Collaborated on designing and implementing a new feature using the NX monorepo, enabling customers to upgrade phone plans via either the customer-facing portal or admin dashboard on these NextJS apps.
- Developed features allowing customers to add data to their existing plans.
- Assisted in the implementation of a new public-facing site, utilizing the NextJS app router with React Server Components.
- Led a Spike investigation on the usability and ergonomics of API endpoints for upcoming features.
- Introduced the Sanity Content Management System (CMS) into the consumer-facing application, enabling quick and dynamic content updates.
- Migrated the existing infrastructure to Google Cloud Platform (GCP) using Terraform.
- Enhanced the health and reliability of the analytics in the customer-facing app.
- Strengthened the robustness of unit tests (Jest), integration tests (React Testing Library + MSW), and E2E tests (Cypress).
- Introduced E2E tests into the admin application.

### Senior Software Engineer

Zapp [↗](#)

12/2021 - 01/2023

Berlin (remote)

*Zapp allows users to order groceries and household essentials 24/7, and have them delivered in 20 minutes.*

#### Achievements/Tasks

- Built functionality to allow users to reorder past orders in the mobile app.
- Created monorepo to house shared configuration between frontend / backend apps.
- Helped setup e2e testing in the mobile apps using Detox.
- Setup frontend caching on Google addresses, which reduced the Google Maps Api bill.
- Built state machine to handle complex post delivery / previous order feedback surveys.

### Senior Frontend Engineer

heycar - Mobility Trader GmbH [↗](#)

10/2019 - 11/2021

Berlin

*Heycar empowers customers throughout Germany to purchase high-quality used cars.*

#### Achievements/Tasks

- Moved portal for car dealers into a separate micro-frontend.
- Built dashboard analytics for car dealers using Redux-Saga for data flow and canvas for IE compatible data visualisations.
- Helped build and maintain a component library for heycar with React Storybook.
- Simplified custom SSR configuration on heycar web app.
- Implemented redux caching and cache invalidation strategies for various UI filters and features. This sped up the UX and eliminated the need for repeat API requests.
- Implemented reusable api calls that abort unnecessary inflight AJAX requests.
- Implemented reusable React hooks / Redux Sagas for delaying loading indicators to improve UX.
- Created a new UI to help heycar rollout to a new leads reporting pricing model.
- Refactored the portal for car dealers to use client-side rendering with routing served by AWS Lambda and assets served by AWS S3 and Cloudfront. Setup infrastructure deployments and changes with Terraform.
- Moved the styling strategy of the main web app to using theming, making future rebranding efforts easier.

## WORK EXPERIENCE

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### Frontend Developer

OSK Berlin GmbH [↗](#)

06/2017 - 09/2019

Berlin

OSK Berlin develops websites, apps, and other tools for multinational corporations and small businesses alike

*Achievements/Tasks*

- Rebuilt the media portal site for a major international client using Angular 4 - 8.
- Built advanced autocomplete search functionality into media portal using RxJS for frontend optimisations and elastic search on the backend
- More than tripled media portal's Google PageSpeed Insights score in less than 3 months.
- Built a data collecting and product finder using React/Redux in less than 3 weeks.
- Built coupled and decoupled Drupal based sites.
- Built reusable UI and website components for various major international clients.
- Built and maintained other websites / hybrid iOS + Android apps.

### Software Engineer

Jovoto GmbH [↗](#)

11/2016 - 05/2017

Berlin

Jovoto offers a crowdsourcing platform that connects companies with creative individuals around the world

*Achievements/Tasks*

- Rebuilt the application's frontend with React/Redux.
- Tested and implemented features with Ruby on Rails.

### Frontend Developer

GoVios GmbH [↗](#)

09/2016 - 11/2016

Hamburg

*Achievements/Tasks*

- Developed UI and overall applications that provide solutions for the cruise ship industry
- Created reusable React components for the platform
- Built out frontend features using React and Redux

### Software Engineer

Cloud Logistics [↗](#)

03/2015 - 05/2016

West Palm Beach, FL

*Achievements/Tasks*

- Wrote software and developed RoR-based applications that provide cloud-based logistics solutions.
- Built the marketing website from scratch using Ruby on Rails.

### Music Teacher

Freelance/Private Schools

05/1999 - 02/2015

New York, NY and Berlin

*Achievements/Tasks*

- Taught piano/guitar in English and German to private individuals and at music schools in NYC/Berlin.

### Manager, Keyboardist/Pianist

Quintus and Mook [↗](#)

09/2003 - 09/2014

New York, NY

*Achievements/Tasks*

- Member of two NYC-based bands
- Marketed and booked tours throughout North America
- Negotiated and signed deals with Columbia and Atlantic (Downtown) Records
- Toured with Rusted Root and recorded an album with Levon Helm
- Played in large venues (e.g. Nokia Theatre) to crowds of 8000+
- [Quintus \(Bandcamp\)](#)
- [Mook \(Spotify\)](#)

## WORK EXPERIENCE

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### Stock Market Data Analyst

INWISO

01/2013 - 09/2014

Berlin

Conducted data analysis research on German DAX, MDAX, and TecDAX companies to help clients improve their investment returns

*Achievements/Tasks*

- Conducted data analysis on German DAX, MDAX, and TecDAX companies to help clients improve their investment returns

### Dean's Assistant/Marketing Associate

Touro College Berlin

09/2011 - 03/2014

Berlin

*Achievements/Tasks*

- Researched the European university market and implemented strategies for student recruitment

### Audio Engineer/Producer

Nomadic Wax [↗](#)

03/2011 - 09/2012

New York, NY

*Achievements/Tasks*

- Mixed and produced international hip-hop music focused on increasing awareness of global issues, particularly in Africa and the Middle East

### Assistant, Legal Department

Blyth, Inc. [↗](#)

06/2004 - 08/2005

Greenwich, CT

*Achievements/Tasks*

- Assisted a team of eight attorneys with legal research and drafting contracts, improving caseload and throughput

## EDUCATION

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### Ruby on Rails / Frontend Development

Wyncode

09/2014 - 01/2015

Miami, FL

### Music and Psychology

New York University

09/2003 - 05/2010

New York, NY

### Piano Studies

Manhattan School of Music

2003

New York, NY