



Daniel Toby Kreiger

Senior Software Engineer and Musician

Frontend developer



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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

Senior Software Engineer

bex technologies GmbH

08/2023 - Present

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

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.

LANGUAGES

English



German



Spanish



INTERESTS

music

running

socioeconomic theory

WORK EXPERIENCE

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.

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

WORK EXPERIENCE

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+

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

ORGANIZATIONS

Organization Name

CERTIFICATES

Certificate Name

ACHIEVEMENTS

Achievement Name

PERSONAL PROJECTS

Project Name

EDUCATION

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