

KENNETH TRANSIER

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Product-focused engineer versed in mobile and web development

EXPERIENCE

Tavour

Senior Software Engineer

May 2020 – Sept 2021

- Technical lead of Tavour's React Native mobile application, working to reshape the app with community and search features to reach new audiences
- Led the development of a new machine learning initiative, the Beer Scanner, allowing users to look up beer information 10x faster through label recognition
- Developed a method of generating synthetic beer images, allowing our ML team to generate beer can images from a flat label file from an open government label database, opening the door to 90% recognition of all beers in the U.S.
- Worked extensively with bridging code between the React Native frontend and our Swift MLModels, productionizing our machine learning code in a private Cocoapod
- Mentored and developed team members on Swift and Ruby on Rails development

Blue Bottle Coffee

Senior Software Engineer

July 2018 – May 2020

- Led the development of Blue Bottle's flagship iOS order ahead application from the ground up, working on the conceptual development to nationwide launch for 70 cafes in 6 months
- App generated \$2.5M revenue and 500k orders in the first year, at a 35% daily conversion rate
- Retooled our engineering team to be mobile-focused, leading talks on iOS/Swift development and providing technical leadership
- Built the app's checkout and payment flows, along with integrating with the Square SDK for vaulting cards, processing transactions and supporting Apple Pay

Software Engineer

July 2016 – June 2018

- Built Blue Bottle's coffee recommendation engine, the Coffee Match. Worked with the coffee team to classify coffees and built a scoring engine that matches customers with coffees fitting their taste profile
- Focused on the payment infrastructure for our e-commerce platform, implementing Apple Pay and PayPal into our checkout flows, with PayPal leading to a 20% increase in conversion

Move Loot

Software Engineer

July 2015 – May 2016

- Sharpened skillset as a team member in a fast-moving engineering org, learned to prioritize thoughtful PR review, empathy when writing code for future developers, and robust test coverage
- Worked across numerous domains, from building new customer-facing features for Move Loot's national two-sided marketplace to improving warehouse logistics flows

PROJECTS

Crisis Tracker | crisistracker.org

- Maintainer of the Crisis Tracker, a real-time crisis mapping application run by Invisible Children, broadcasting attacks by the Lord's Resistance Army on civilians from 75 early-warning radios in central Africa

Training Plan | trainingplan.app

- Built a training log app for endurance athletes, built with native Swift and backed by a Rails API

TECHNICAL PROFILE

Languages: Swift, Ruby, Javascript | DB/Querying: PostgreSQL, SQL, GraphQL | Frameworks/Libraries: Ruby on Rails, React, React Native, Apollo | Testing: RSpec, XCTest, Jest

EDUCATION

UNIVERSITY OF WASHINGTON | B.A., Political Science, focus in International Security, Class of 2015