# MICHAEL LUSTIG

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## EXPERIENCE

**Prosper**                                          March 2022 - Present
*Staff Engineer*                                          *Fully Remote*

· Led company-wide effort to establish a library of shared React components, built with styled-components to increase consistency and reduce duplication
· Interfaced with various teams across Product, UX, and Engineering to ensure buy-in with key decisions and solid planning
· Led "North Star" Front End meetings to discuss and plan implementations for best practices across the company's suite of Front End Applications

**Bakkt, LLC**                                  November 2020 - March 2022
*Senior React / Native Engineer / Team Onboarding Director / Refactoring Lead*          *Fully Remote*

· Led refactoring efforts, adopted Atomic Design principles, and standardized best practices
· Collaborated with VP of Design to establish scalable DesignOps
· Applied Finite State Machines for modeling and simplifying interactions
· Implemented pair programming to enhance code quality and team morale
· Guided new team members through codebase and technical debt management

**Team Treehouse**                              October 2017 - February 2018
*Android Guest Lecturer*                                          *Orlando, FL*

· Designed, created, and recorded three courses for Firebase for Android and Styling Android Applications
· Getting started with Firebase on Android
· Build a realtime-chat application with Firebase
· Styles and Themes on Android

**ASG @ Google**                              January 2016 - December 2016
*Android Subject Matter Expert & Course Creator*          *Mountain View, CA / Fully Remote beg. July*

· Significantly improved clarity for students and quality of code for the Android Fundamentals course created in conjunction between Google and Udacity
· Created interactive TODOs for students to easily follow along in the IDE
· Created a Python script to help in cleanly applying fixes to the delicate commit history and to create the folder structure for the students

**Bloc.io**                                  January 2016 - December 2016
*Android Mentor*                                          *Remote*

· Assisted dozens of students new to programming through content, created by Bloc.io, to help them learn both Java and Android programming

## NOTABLE PROJECTS

**Organic Software**

· Building an LLM integrated with a Speech Transcription application that will allow the user to speak to it to alter its functionality and layout

### Proof of Listening - Solana Grizzlython

· Built a Shazam-like application for Podcasts that integrated with the Solana blockchain to allow users to mint "Proof of Listening" tickets. Created custom Solana Program to handle custom dynamic mint pricing based on metadata stored in a Program Derived Metadata Account.

### mtnBooth Twitter Solana Pay Integration

· A web-based application that allowed users to mint an mtnFrens NFT with a QR code and then display a Twitter card declaring their new purchase

## TECHNICAL SKILLS

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| **Core Languages** | Typescript, Kotlin, Java, Swift, Python, Rust |
| **Libraries and Frameworks** | React, Redux (Saga), React Native, Android, SwiftUI, GraphQL, Xstate, Sol |
| **Tools** | Git, Docker |