William Ramsey

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SKILLS
Android
Java
JavaScript
Kotlin
Ruby
Swift
TDD
CI/CD

EDUCATION
Georgia Institute of
Technology 2002 - 2006

B.S. Management
Science,
various Computer
Science coursework

EXPERIENCE

Pivotal Labs, Software Engineer
New York, NY — July 2013 - Present
- Lead a team that developed an Android app to help truck drivers log their hours of service records electronically. Architected the app to isolate view concerns and facilitate simple porting to iOS, taught clients Android development, and wrote most of the code to fetch data from truck engines.
- Worked on the Android version and spearheaded the development of an iOS app to allow roadside service providers to accept jobs from a large insurance company's roadside assistance network.
- Joined a team that had slow feature delivery and poor morale due to tech debt acquired over a year of development, introduced architecture and design changes that allowed us to move faster with fewer bugs. The increased velocity and team morale helped us deliver on schedule a web site to help companies manage and reconcile their corporate credit card transactions, a key part of our client's business.
- Delivered a web site to help compliance analysts monitor corporate communications for fraud while ensuring code quality on a team of 6 developers. Analyst classification acted as a source of training data for machine learning models.
- Collaborated closely with product and design teams to identify problems to solve for our client's target market. We developed the client's core product, a web site to help interior designers manage their business. Mentored 2 other developers on the team, ran interviews to help hire their first engineer, while finishing the mvp a week earlier than expected.
- Built an Android app to help customers of a large insurance company track their fitness and health goals and receive rewards for healthy habits, including a refactor of the network layer that increased maintainability and saved time implementing later features.
- Built an Android app to share location and intent around location with friends. Developed custom controls and overlays on top of Google maps, and helped optimize location requests to reduce battery usage.

PROJECTS

Fetch Frame (www.fetchframe.com)
A digital picture frame that makes it very easy to push pictures to the frame over the internet.
- Designed and developed the software components of the frame and related infrastructure, including:
  - JavaScript-based picture uploader that allows pictures to be cropped, zoomed, rotated, and fit to the destination frame
  - Ruby on Rails based API for processing uploads and triggering notifications to frames
  - Android app for use on the frames to display picture rotation

Privacy Parrot (www.privacyparrot.com)
A tool to help people determine if a website can sell their personal information to a third party. It uses bayesian analysis to compare the text in a site's privacy policy to a corpus of text from known policies and determine the category for the new site.

- Designed and created the site
- Helped create the crawler that finds a privacy policy given the root URLfor a site
- Made a Chrome extension to analyze the policy for the current site in the browser