Nat Mattison

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Experience:

PillPack - Software Engineer - Somerville, MA
December 2015 - Present

- Built web-based tools to support pharmacy workflows that scaled with a growing customer base as well as supporting multiple pharmacies
- Worked directly with pharmacy employees to understand processes and existing systems and determine priorities for future features and improvements
- Established system for financial accounting of inventory using a first-in-first-out algorithm for determining acquisition costs on a per-dispense basis
- Created and supported integrations with third-party pill dispensing and packaging systems, ensuring customers receive accurate doses at the proper times
- Developed system for opening up fulfillment services to an outside third-party partner
- Integrated with carrier APIs to introduce lower cost shipping services
- Participated in "developer on call" rotation to debug, solve, and/or triage immediate issues or questions from users that arose in daily operations
- Tech: Ruby, Rails, Sidekiq, Redis, PostgreSQL, Git

Nest - Services Integration Engineer - Palo Alto, CA
August 2013 - May 2015

(acquired by Google, February 2014)

- Conducted testing, performance analysis, and qualification of backend web services, focused on Nest's developer program and API
- Wrote internal tools for interacting with the services stack and scripts for common user and device actions, which aided in functional and performance testing as well as development
- Managed software builds and deployments of distributed development environments, which allowed teammates to qualify releases and integrate client and device software
- Verified new features through integration tests and ad-hoc functional testing
- Found, documented, investigated and resolved bugs
- Provided technical support to third-party developer program partners
- Tech: Python, Ruby, Amazon Web Services, SQL, Puppet, Git

MyEnergy - Software Developer - Boston, MA
December 2012 - July 2013

(acquired by Nest, May 2013)

- Developed various Ruby on Rails applications for display and comparison of consumers' utility data, administrative and support tasks, and monitoring data acquisition
- Wrote algorithms for web scraping and classifying electric, gas, and water data across 200+ utility consumer websites
- Tech: Ruby, Javascript, SQL, Redis, Git

MobileAware - Software Developer - Boston, MA
June 2012 - November 2012

- Wrote software for a variety of mobile website projects and hybrid applications
- Implemented design mockups and feature specifications
- Tech: Node.js, Java, HTML/CSS

Education:

Franklin W. Olin College of Engineering – Needham, MA
May 2012

Bachelor of Science in Engineering with Computing

- Studied engineering with a focus on software in a project-based setting
- Final GPA: 3.17