

# ASHLEY PENNEY

Round Rock, TX

(978) · 489 · 4019 — apenney@gmail.com

## EXPERIENCE

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### **Simon Data**

*Head Of Devops*

April 2019 – Present

*Remote*

At Simon, I founded and led the devops team. We took on the challenge of modernizing the developer tooling experience. This was a combination of introducing modern observability tools, reworking the CI/CD pipelines, migrating to docker as a runtime, and updating and upgrading systems across the board. The team has remained small, with just myself and two reports, but we've been able to build a solid foundation for the future.

### **Everquote**

*VP of Infrastructure*

June 2018 – April 2019

*Cambridge, MA*

At Everquote, I led the transformation from an outdated "ops team" model to an SRE model. The two teams I lead build self service components for the engineering teams and own the "patterns" used throughout the organization to build, deploy, and operate the 150+ services that comprise the Everquote platform. I divide my time between coaching the team, managing infrastructure spend across the organization, coordinating across engineering teams, and planning for new self service capabilities.

### **Cota Healthcare**

*VP of Infrastructure*

December 2017 – June 2018

*New York, NY*

I led the Infrastructure and Security teams at Cota, working closely with software engineering to help build and scale a "big data" platform for hospitals, insurance, and pharmaceutical companies. These systems helped analyze huge cancer datasets to guide treatments and research. During my time at Cota I led a overhaul in how services were built, deployed, and operated. This included a cloud migration, deployment of Kubernetes, and process changes to software development.

### **Maxwell Health**

*Director of Infrastructure*

July 2016 – December 2017

*Boston, MA*

At Maxwell Health, I turned around an operations team in crisis. After hiring to bring the team up to full capacity, we built up the infrastructure to turn a six week lead time for servers into an instant self service model using Kubernetes.

I split my time between hands on work, such as core infrastructure building, mentoring team members, working with engineering teams to transform their build and deployment pipelines, as well as taking part in SOC2/HIPAA compliance work, product strategy planning, and implementing a Production Readiness Review process.

### **nToggle**

*Techops Manager*

January 2015 – July 2016

*Boston, MA*

At nToggle, I rejoined several of my Jumtap coworkers to help launch an adtech startup that optimizes and reduces Real Time Bidding traffic for our customers.

I designed, and built, our loadbalancer-less (anycast backed) datacenter design to deliver our high performance, low latency, platform. Capable of processing millions of QPS in real time, our platform has helped a variety

of bidders to significantly reduce their traffic, raise their bid rates, and improve the delivery of campaigns to drive significant revenue upside.

I split my time between hands-on engineering work and managing the operations team. This included hiring budgets, cost models and board presentations around CAPEX and OPEX spend, as well as vendor relationships and pre-sales engineering work with our customers to accurately model their current infrastructure costs and demonstrate the significant RoI they can achieve through nToggle.

## **Metacloud**

September 2014 – January 2015

*Senior Software Engineer*

*Pasadena, CA*

I joined the engineering team at Metacloud to transform the aging QA environment. This was previously managed by hand and I spent several months building out Chef automation to rebuild and scale out the testing infrastructure. This eventually led to a migration that reduced testing cycles from full days to less than an hour. Metacloud was acquired by Cisco during this time.

## **Puppet Labs**

July 2013 – September 2014

*Senior Software Engineer*

*Portland, OR*

As the first team hire, I was able to initiate and manage key projects that allowed Puppetlabs to build a developer community around the previously ailing, but critical, set of public modules provided by Puppetlabs.

These projects included our "Supported Modules" initiative, the first commercial, vendor backed set of automation modules. I redesigned, refactored, and rewrote several of these critical modules. I also designed our testing strategy and worked with the team to build thousands of unit and acceptance tests across the module base, allowing us to validate them against 27 supported Puppet Enterprise Platforms.

Other work included refactoring core Puppet code, writing several popular guides around building modules, overhauling documentation, and launching weekly triage meetings to decrease the backlog of unmerged PRs. This led to over 2000 PR merges.

Prior "Devops" roles include: Jumtap, Edx, SilverSky, Harvard Law School,  
Prior roles in Europe: School, NTT Europe Online, MessageLabs, Tiscali, Yahoo!, Versatel, Interxion, and  
Speedport.

*Please ask for an expanded resume covering those positions if you're interested in details.*