

## RYAN PETRELLO

[ryan@ryanpetrello.com](mailto:ryan@ryanpetrello.com)

### EXPERIENCE

#### **Senior Manager, Software Engineering** **Principal Software Architect**

*Mission Cloud*

2023 - Present

2021 - 2022

Atlanta, GA (Remote)

Led multiple teams of engineers building Mission Cloud Score, a software platform for Amazon Web Services visibility, automation, and insights. Collaborated with product, marketing, and design teams to power new SaaS-based user experiences for customers. Roadmapped and led execution on wide-ranging technical projects through all stages of the SDLC. Provided direct management of a team of engineers through mentoring, coaching, review, and career support.

#### **Staff Software Engineer** *GitHub*

Spring 2021

Atlanta, GA (Remote)

Briefly worked in an engineering group operationalizing Ansible to support their macOS platform within the GitHub Actions product. Left to join a startup (Mission Cloud).

#### **Senior Principal Software Engineer, Architect** **Engineering Team Lead** **Principal Software Engineer**

*Ansible by Red Hat*

Winter 2021

2019 - 2020

2017 - 2018

Atlanta, GA (Remote)

Led a cross-functional team of 15-20 (frontend, backend, QA software engineers) as the architect of Red Hat's Ansible Tower product, an enterprise software platform designed to extend Ansible for IT teams. During my time in this role, I led the architecture and implementation of software products and services used by a majority of Fortune 500 companies to automate IT systems and network infrastructure at global scale.

Served multiple years as a lead open source maintainer for the [Ansible AWX project](#). Responsibilities included upstream code contributions, online and conference-based community organizing and sponsorship, software release management, and security/CVE coordination with other open source projects in the Python ecosystem.

#### **Lead Cloud Developer** **Senior Developer** *DreamHost*

Aug 2016 - Jan 2017

Feb 2012 - Aug 2016

Atlanta, GA (Remote)

Worked as a lead developer on DreamHost's OpenStack-based public cloud service. In this role, I led development on a wide variety of systems and services including a utility billing/metering system, a web-based interface used by customers to manage their virtual servers, networks, and storage, and a re-imagined signup process for DreamHost's entire product catalog.

### PRIOR ROLES

#### **Director of Web Engineering**, Pictage, Inc. **Lead Software Developer** ShootQ, LLC

2010 - 2011

2007 - 2010

## EDUCATION, CERTIFICATIONS, OTHER WORK

### University of West Georgia

Bachelor of Science, Computer Science, cum laude

Carrollton, GA

2004 - 2007

### PCAP – Certified Associate in Python Programming

<https://verify.openedg.org/?id=GAmc.eB4p.ONW4>

OpenEDG

Mar 2023

*Organizer, Presenter, Python Atlanta Meetup (2010 - 2017)*

*Presenter, Ansible Automates (Atlanta, GA, 2017)*

*Presenter, PyCon 2011, Distributed Tasks with Celery*