

RYAN PETRELLO

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EXPERIENCE

Senior Principal Software Engineer

Red Hat

Mar 2026 - Present

Atlanta, GA (Remote)

Served as a lead engineer across multiple engineering groups within Red Hat's AI Platform Core Components organization. Led and supported engineering efforts across multiple focus areas within Red Hat's overall AI portfolio, including packaging of AI-related components from source, initiatives related to model validation, and upstream contribution to various AI-specific open source communities (such as PyTorch).

Principal Software Engineer

CDW

Oct 2024 - Mar 2026

Atlanta, GA (Remote)

In late 2024, Mission Cloud was acquired by CDW, and I returned in a new role.

Led multiple cross-functional engineering and product teams expanding Mission by CDW's SaaS offerings, encompassing cloud visibility, automation, and insights within AWS. Roadmapped and led execution on strategic technical projects and initiatives. Spearheaded technology and product discovery on emerging Agentic AI offerings.

Principal Engineer

Intuit Mailchimp

May 2024 - Sep 2024

Atlanta, GA

Collaborated with leadership to set technical vision for marketing technologies and capabilities within Mailchimp, advocating for the highest standards for engineering design, implementation, and testing. Consulted on technical strategy and approach, provided direct contribution, review, and mentorship across Mailchimp's core email composition, rendering, and delivery teams.

Senior Manager, Software Engineering

Principal Architect

Mission Cloud

Jan 2023 - May 2024

May 2021 - Jan 2023

Atlanta, GA (Remote)

Led engineering and product teams in the launch and expansion of Mission's first software platform - Mission Control - a platform for internal automation and FinOps optimization within AWS. Architected and contributed directly to strategic technical initiatives. Managed teams of frontend and backend engineers, providing mentoring, coaching, review, and career development.

Senior Principal Software Engineer, Architect

Principal Software Engineer, Team Lead

Ansible by Red Hat

Jan 2021 - Apr 2021

Jan 2017 - Dec 2020

Atlanta, GA (Remote)

Led teams of frontend, backend, and 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 the 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

Aug 2016 - Jan 2017

Senior Developer

Feb 2012 - Aug 2016

DreamHost

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, various interfaces and APIs 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.

2010 - 2011

Lead Software Developer ShootQ, LLC

2007 - 2010

EDUCATION, CERTIFICATIONS, OTHER WORK

University of West Georgia

Carrollton, GA

Bachelor of Science, Computer Science

2004 - 2007

PCAP – Certified Associate in Python Programming

OpenEDG

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

Mar 2023

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

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

Presenter, PyCon 2011, Distributed Tasks with Celery