

Ryan Gniadek

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EXPERIENCE

Associate Consultant, Red Hat

June 2023 - present

Raleigh, NC

- Advised Red Hat clients on enterprise infrastructure automation and DevOps challenges
- Skilled with Red Hat Ansible Automation Platform, Red Hat Enterprise Linux, and OpenShift
- Obtained numerous certifications including Red Hat Certified Engineer and Red Hat Certified System Administrator

Software Engineer (Contract), Anedot

May 2022 - August 2022

New Orleans, LA - *All Remote Company*

- Installed and configured an intrusion detection system to run on AWS cloud hosts, in order to detect vulnerabilities and maintain PCI and SOC 2 compliance
- Automated AWS infrastructure provisioning using Terraform
- Built an internal API to help flag fraudulent donations and card testing, helping reduce credit card chargebacks

Software Development Engineer Intern, Mastercard

May 2021 - August 2021

Arlington, VA

- Developed a microservice for monitoring Windows hosts across Azure cloud and managed data centers, and managing the reboot cycle to ensure updates took effect without negative impact on downtime
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TECHNICAL SKILLS

Expert: Java, Python, C, Docker, Kubernetes, RHEL, Ansible, OpenShift, Amazon Web Services, Azure, DevSecOps

Proficient: Go, React, Next.js, JavaScript, TypeScript, Ruby on Rails, Terraform CDK, Google Cloud Platform

VOLUNTEERING

Board Member, Virginia Tech College of Engineering Young Alumni Council

March 2024 - present

Blacksburg, VA

EDUCATION

B.S. Computer Science

Virginia Tech, Blacksburg, VA

- Recognized with multiple awards from the Computer Science Department
 - 2 x Undergraduate Service Award and 2 x Computer Science Ambassador Award
- 3.5 year member of the Student Engineers' Council Executive Board, serving as President and Director of Finance
 - Served as chief executive of a 501c3 nonprofit with over \$600k in annual revenue
 - Managed 300+ corporate relationships for the advancement of the College of Engineering
 - Represented over 10,000 engineering students to the Dean and other college leadership
- Undergraduate Research Assistant and Student Lead in the BURGS lab, stack@cs Center for Computer Systems
 - Served as technical lead and project manager for a team of over two dozen undergraduate students
 - Architected core functionalities for CSGenome project including API and database
 - Managed software development and deployment patterns
 - Advised two new projects from inception as an inaugural student lead for the BURGS lab
- Undergraduate Teaching Assistant and Course Designer, CS 2104 Problem Solving in Computer Science
 - Served as an UTA on a special assignment to lead the design of core sophomore-level curriculum updates
 - Designed multiple assignments on contemporary CS topics
 - Containerization with Docker and cloud deployment with Microsoft Azure
 - Using remote SSH connections to configure a development environment
 - Resolving git merge conflicts and managing source code repositories
 - Using web APIs to interact with production datasets
- President of Linux and Unix Users Group
 - Hosted weekly technical talks on topics of interest to the Linux and Computer Science community