

Ryan Young

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TECHNICAL SKILLS AND COMPETENCIES:

Software Technologies: Java, Spring Boot, Python, C++17, JavaScript, NodeJS, Linux, SQL, Git, Venafi, Cloud (AWS, Azure), Docker, Kubernetes, Ansible, IaC (Terraform, Pulumi), SPA (Angular, React)

Hardware Technologies: ESP32, Raspberry Pi, x86, IBM Mainframe, F5, AVI

Software Development: REST API, Distributed Systems, Agile Development, Unit Testing, Object Oriented Design

Software Operations: Log Analysis, Production Monitoring (APM, Splunk), Change Management, Incident Management, Certificate Management

Photo Editing: Adobe Photoshop, Adobe Illustrator

WORK EXPERIENCE:

Charter Communications

Englewood, CO

Cloud Solutions Engineer III

September 2023 – March 2024

- Supported Wireline Activation Development Team with Infrastructure needs.
- Developed a platform to create new environments for development team's testing using Ansible.
- Automated and maintained inventory tracking from VCenter to Confluence using Python.
- Performed deployments for the development team to test and QA environments.

Propelus

Boulder, CO

DevOps Engineer

July 2022 – September 2023

- Supported IT infrastructure and deployments for Propelus' 70 applications.
- Leveraged Python scripts to reduce data retrieval time for operation teams.
- Led team on important design decisions for CICD deployments to reduce toil.
- Analyzed and identified problems within the systems and led implementation plans.

Fidelity Investments

Covington, KY

Systems Engineer

June 2020 – July 2022

- Maintained and supported IT infrastructure for over 300 applications.
- Created automated deployment pipelines for non-production and production environments.
- Engaged in effective communication with customers to achieve successful provisioning of applications.
- On-call support 9 AM – 9 PM rotation for application incidents and production deployments.

Worldpay

Mason, OH

Software Engineer Intern

May 2019 – June 2020

- Created and tested batch jobs to integrate Worldpay systems with FIS settlement systems (programs written in IBM 370 Assembler).

Siemens Software

Milford, OH

Software Engineer Intern

January 2019 – April 2019

- Developed new features on front-end and back-end applications as part of Solution Link.
- Coordinated work and communication with the primary team in Italy.

U.S. Bancorp

Cincinnati, OH

Software Engineer Intern

August 2017 – August 2018

- Implemented new features and patched security vulnerabilities in the Singlepoint Web app using Java and JSP.
- Created a Web Tester application for SinglePoint to validate a successful deployment of the SinglePoint webapp.
- Made SQL queries in DB2 for customer auditing.
- Designed a Web Scraper to grab information from SinglePoint and output it into a CSV file.

EDUCATION:

University of Cincinnati, BS, Information Technology, 2020

Track: Software Development

Dean's List 2017, 2018

PROJECTS:

QuickBite: Android app, that finds the least busy restaurants around. Built with Java.

Chip8Emu: Chip 8 Emulator implementation, plays games written for chip8. Built with C++.

SmartWatch: Watch implemented with ESP32 and a small OLED screen. Built with C and C++.