**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++.