ZACH SIROTTO

Application Architect, Software Engineer



J 561-901-4830

Raleigh, NC, 27617 https://github.ibm.com/zach-sirotto



EXPERIENCE

Application Architect

IBM Data & Al

Sept 2020 - Ongoing

RTP. North Carolina

This role designs applications required to automate business processes and meet business needs while following best practices in the critical evaluation, selection, and development of the software components of the applications and data. It is also responsible for the development of the application, evaluation and selection of development methods, development processes, and best practices and tools. Applications Architects are responsible for applicationsrelated quality, performance, availability, scalability, and integrity. They are also responsible for the functional interface to applications and for ensuring application usability.

Site Reliability Engineer / Software Engineer

IBM Watson AI Platform

June 2018 - Sept 2020

RTP, North Carolina

This role provides on call support for the up-time and availability of production Watson services running in IBM Public Cloud. My individual area of focus was engineering internal automation/tools, enhancing metrics/monitoring, standardizing our team's Agile practices, and maintaining Watson Visual Recognition.

PROJECTS

Change Management Automation

IBM Data & Al

Feb 2019 - Ongoing

Change Management Automation is an initiative geared toward bringing the user closer to the tools they use and love while lessening their burden of dealing with change. Leveraging Github for high-level change record tracking, Slack for interactivity, and a REST API that utilizes ServiceNow for tracking change on a more granular level, Change Management Automation provides a strategic approach toward standardizing and streamlining change across any team in IBM.

Production Continuous Delivery Pipeline

IBM Watson Visual Recognition

2018 - 2020

As the DevOps lead for Watson Visual Recognition, I took on a larger role within the team to significantly improve and automate the continuous delivery pipeline resulting in less operational overhead and mistakes during deployments even as key personnel changed.

LANGUAGES

Proficiency

JavaScript

Pvthon

</>Bash

G Go

G C / C++

🖺 Java

₽ MTFX



Experience (in years)

G C / C++

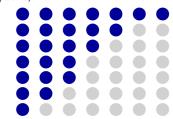
Python

</>> Bash 🐇 Java

₽ MTFX

JavaScript

G Go



STRENGTHS

Kubernetes

♀ CI/CD

RHEL

Containers

ChatOps

C Agile

GitHub

Slack

M Markdown

Design Thinking

REST

Hashicorp

Y YCombinator

ACHIEVEMENTS

CrushIT Innovation Award

IBM Analytics - Week 19, 2019 Change Management Automation

Promoted to Band 7 within 1st year

Harris Scholarship

Academic excellency

EDUCATION

Computer Science, B.S.

Florida State University - 3.78 GPA

Graduated May 2018

Magna Cum Laude

Associate of Arts, A.A

Palm Beach State College - 3.81 GPA

Graduated Dec 2015