ZACH SIROTTO

Application Architect, Software Engineer

@ zach.sirotto@ibm.com   📞 561-901-4830   📍 Raleigh, NC, 27617
in https://linkedin.com/in/zachsirotto   https://github.ibm.com/zach-sirotto

EXPERIENCE

Application Architect
IBM Data & AI

📅 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 applications-related 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 & AI

📅 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

Language	Level
JavaScript	●●●●●
Python	●●●●●
Bash	●●●●○
Go	●●●○○
C / C++	●●●○○
Java	●●○○○
LaTeX	●●○○○

Experience (in years)

Language	Years
C / C++	●●●●●●●
Python	●●●●●○○
Bash	●●●●○○○
Java	●●●○○○○
LaTeX	●●●○○○○
JavaScript	●●○○○○○
Go	●○○○○○○

STRENGTHS

⚙ Kubernetes   CI/CD   🦭 RHEL
🐳 Containers   ChatOps   ↻ Agile
◈ GitHub   Slack   Ⓜ Markdown
💡 Design Thinking   Ⓗ Hashicorp
⚛ Full Stack   ☁ REST   Ⓨ YCombinator

ACHIEVEMENTS

🏆 **CrushIT Innovation Award**
IBM Analytics – Week 19, 2019
Change Management Automation

👍 **Band 7**
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