# Zach Romano

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## SUMMARY

Highly accomplished Senior Software Engineer with a proven track record in designing and leading complex systems, passionate about leveraging technical expertise to enhance developer experience and operational efficiency.

## SKILLS

| | |
|---|---|
| Programming Languages | Java, Kotlin, SQL, Terraform, Terragrunt |
| Software Technologies | AI, LLMs, Spring, Docker, Gitlab-CI, AWS, Datadog, Snyk, Sonarqube |

## EXPERIENCE

**Smartsheet**
*Feb 2024 - Present*

**Senior Software Engineer –** *Product Adoption and SharingTeam (easier asset discoverability and sharing)*
- Led design and development of central service for custom customer branding
- Implemented AI code reviews, reducing review time by 60%
- Migrated business critical service to new infra-as-code
- Developed Terraform modules that reduced the time to stand up a service from 2 weeks to 3 hours
- Led team on design and development of new revenue-generating sharing/access feature
- Engineered release process, increasing deployments from weekly to twice daily
- Integrated new company-wide tooling (Pact, Renovate) for contract testing and dependency updates
- Designed zero-downtime blue/green update process for MySQL databases

*Dec 2020 – Feb 2024*

**Software Engineer II –** *Directory Services Team (user management)*
- Decoupled user data from monolith; built 4k RPS service
- Led full-stack development of 'deactivate user' feature (alternative to deletion)
- Initiated and led company-wide upgrade to Java 17 and SpringBoot 3
- Led development and maintenance of open-source [Smartsheet Java SDK](#)
- Profiled memory/CPU, identifying and resolving issue in popular AWS library
- Mentored on modern Java/Spring practices; became 'go-to' SpringBoot expert
- Mentored intern on improving SCIM interface with Azure Active Directory
- Introduced Gradle and Liquibase to improve pipeline speed and quality

**Boeing**
*Mar 2019 - Dec 2020*

**Full Stack Developer**
- Produced an app to optimize purchasing that discovered $1 billion in unrealized savings
- Created app for generating GitLab-CI pipelines to test and deploy existing apps
- Enabled zero-downtime deployments for continuous releases
- Integrated persistent chat and webhooks for live pipeline failure alerts
- Taught modern development practices via 1500+ hours of paired programming
- Led training courses on deploying software to Pivotal Cloud Foundry

*Aug 2017 - Mar 2019*

**Systems Engineering Rotation**
- Developed .NET Core/Tableau website for real-time analytics

## EDUCATION

**Johns Hopkins**
Master of Science in Computer Science, 4.0/4.0 - *Focused in Cybersecurity*

**University of Illinois Urbana-Champaign**
Bachelor of Science in Aerospace Engineering, 3.77/4.00