

Zach Romano



zromano.com



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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



Dec 2020 – Feb 2024

Senior Software Engineer – *Product Adoption and Sharing Team (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

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](#)
- Mentored intern on improving SCIM interface with Azure Active Directory
- Profiled memory/CPU, identifying and resolving issue in popular AWS library
- Mentored on modern Java/Spring practices; became 'go-to' SpringBoot expert
- Introduced Gradle and Liquibase to improve pipeline speed and quality



Boeing

Mar 2019 - Dec 2020



Aug 2017 - Mar 2019

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

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