Zach Romano

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🧪 SKILLS

Programming Languages	Java, Kotlin, JavaScript, TypeScript, HTML5/CSS3, SQL
Software Technologies	Spring, React, Docker, Gitlab-CI, Splunk, Selenium, Jest, JUnit, SonarQube, Cloud Foundry

🕐 EXPERIENCE

Boeing
March 2019-Present

Full Stack Developer
- Utilized paired programming to teach modern development practices for 1500+ hours
- Facilitated courses to train developers on deploying software to the cloud
- Followed Extreme Programming principles such as Test-Driven Development and CI/CD
- Built a website to securely track COVID-19 cases in under 24 hours
- Co-developed an app that generates GitLab-CI pipelines to build, test, and deploy apps
- Utilized Spring Security and oAuth2 to properly authenticate and authorize users
- Built several highly available and scalable apps and Restful APIs
- Co–produced a website to optimize purchasing that discovered $1.5 billion in unrealized savings and has already saved over $20 million annually
- Integrated reusable React components into a web server using server rendered pages
- Established scalable Selenium browser tests that must pass prior to deployment
- Decreased number of defects deployed by adding SonarQube and Coverity scans

June 2018-March 2019

Data Analyst
- Created a website using .NET Core to host real-time analytics
- Visualized data in Tableau, eliminating hundreds of charting hours annually

August 2017-June 2018

Systems Engineer – Risk Management
- Managed risks, issues, and opportunities for a team of 300+ people
- Maintained proper risk mitigation plans for teams and individual engineers

✏️ PROJECTS

Docker-Compose	Deployed a CI/CD environment on an AWS EC2 virtual machine with Docker-Compose
Container Security	Integrated GitLab and Jenkins to scan Docker images pushed to the registry with Snyk
Serverless Architecture	Incorporated AWS Lambda, Cognito, and API Gateway to auth users and expose endpoints
IOS Application	Created an IOS app that allows a user to protect their pictures/videos with a passcode
Online Clue Game	Headed a team that developed an online version of Clue using Angular and Firebase

🎓 EDUCATION

Johns Hopkins
Expected August 2020

Master of Science in Computer Science 4.0/4.0
Courses in algorithms, web development, DevOps, web security, and IOS

University of Illinois Urbana-Champaign
May 2017

Bachelor of Science in Aerospace Engineering, 3.77/4.00
Courses in data structures, algorithms, designing and building UAVs, and the development cycle of aircraft