

TEAGAN GLENN

EXPERT SOFTWARE ENGINEER

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https://blog.teagantotally.rocks

With over 20 years of experience in software engineering, I specialize in building highly scalable, resilient, and secure distributed cloud services. I have led technical transformations and have a proven track record in large-scale system design, cloud automation, and team leadership. I excel at integrating security, identity, and network technologies into seamless, cutting-edge solutions that drive innovation and protect users in a complex digital landscape.

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SKILLS

LANGUAGES	C# PYTHON TYPESCRIPT JAVA
CLOUD & SYSTEMS	DISTRIBUTED SYSTEMS RESILIENT CLOUD ARCHITECTURE DEVOPS CI/CD AUTOMATION MICROSERVICES
NETWORKING & SECURITY	NETWORK AUTOMATION TCP/UDP, TLS APPLICATION PROTOCOLS (HTTP/HTTPS) CLOUD SECURITY
LEADERSHIP	TEAM LEADERSHIP CROSS-DISCIPLINE COLLABORATION MENTORING & GROWING TEAMS



HISTORY

Advanced Senior GraphQL Lead Engineer,
Resideo

2022-05 — 2024-06

- Led the development of scalable, cloud-based distributed services for connected home products, improving security and performance.
- Migrated subgraphs and gateways to Apollo Server v4, optimizing the platform for security and speed.
- Built DevOps pipelines for seamless CI/CD and improved development team efficiency.
- Mentored team members in security practices and modern development patterns, fostering a culture of innovation and collaboration.
- Contributed to strategic product direction for integrating network security and identity solutions.

Typescript GraphQL Microservices Cloud Security Team Leadership DevOps

Senior Delivery Engineer,
World Wide Technology

2021-01 — 2022-05

- Designed and deployed a scalable network automation solution using Ansible, enhancing the resilience of enterprise environments.
- Led a cross-functional team to deliver mission-critical cloud services, adhering to strict security and compliance requirements.
- Spearheaded a project for network configuration validation, securing high-profile contracts by improving customer trust.

DevOps System Automation Ansible Network Automation Python Cloud Security

Senior Automation Engineer for Comcast Applied
AI,
Turnberry Solutions

2019-05 — 2020-09

- Developed cloud-native AI and machine learning services, ensuring robust security protocols were embedded within the development pipeline.
- Collaborated on GoLang and Python-based projects to integrate with various cloud Pub/Sub systems such as Kafka and Kinesis.
- Implemented end-to-end CI/CD pipelines using Terraform and Ansible for rapid deployment and scaling of machine learning models.

MLOps Machine Learning GoLang Python CI/CD Cloud Automation



EDUCATION

Metropolitan State University of Denver	2005-08 — 2010-04
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SPEAKING ENGAGEMENTS

Popular request for an update to previous presentation that focused on the technical and security aspects of Internet-of-Things and Automation platforms.

- Presented to an audience of over 100.
- IoT protocols, security, and mitigating risks.
- Demonstrated implementing a Python-based rules engine.