# TEAGAN GLENN EXPERT IN SCALABLE SYSTEMS & AUTOMATION

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Senior Software Engineer with over 20 years of experience in building scalable, high-performance automated systems. I specialize in designing and delivering low-latency, high-throughput solutions across multiple industries. My expertise in system architecture, cloud infrastructure, and DevOps practices ensures continuous delivery and high availability of complex, large-scale applications.

## SKILLS

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| PROGRAMMING LANGUAGES | PYTHON C# TYPESCRIPT |
| SYSTEM ARCHITECTURE & AUTOMATION | LOW-LATENCY SYSTEMS HIGH-THROUGHPUT SYSTEMS DISTRIBUTED SYSTEMS CONTINUOUS AVAILABILITY CI/CD DEVOPS PRACTICES |
| SCALABILITY & PERFORMANCE | LARGE-SCALE SYSTEMS OPTIMIZATION REAL-TIME DATA PROCESSING SYSTEM MONITORING & RELIABILITY |
| CLOUD & INFRASTRUCTURE | AWS AZURE INFRASTRUCTURE AS CODE (IAC) |
| SOFT | TEAM LEADERSHIP CROSS-DISCIPLINE COLLABORATION ATTENTION TO DETAIL AGILE METHODOLOGIES (SCRUM) |

## HISTORY

*Advanced Senior GraphQL Lead Engineer*,
Resideo

2022-05 — 2024-06

- Led the design and implementation of scalable systems capable of processing large volumes of real-time data, ensuring high availability and performance.
- Developed automated systems within the connected home ecosystem, ensuring real-time data processing and integrations with external APIs.
- Introduced self-validating patterns to enhance system reliability in a distributed, automated environment.
- Collaborated with cross-functional teams to align system architecture with business objectives and technical requirements.

Python System Scalability Real-Time Data Distributed Systems

*Senior Delivery Engineer*,
World Wide Technology

2021-01 — 2022-05

- Built and optimized automated systems for handling complex data processing workflows, ensuring continuous availability and scaling for large user bases.
- Led automation efforts by optimizing failover systems and implementing monitoring tools to ensure uninterrupted operations.

Automation System Optimization Continuous Availability Monitoring and Reliability

*Senior Automation/DevOps Engineer for Charter Advanced Technologies*,
KForce

2020-09 — 2020-12

- Led the development of automation systems for edge devices in environments requiring real-time processing and low latency.
- Deployed CI/CD pipelines to ensure seamless integration of new system components with real-time monitoring.

Automation CI/CD Pipelines Low-Latency Systems Edge Device Management

*Senior Automation Engineer for Comcast Applied AI*,
Turnberry Solutions

2019-05 — 2020-09

- Designed and implemented high-throughput, low-latency systems for handling large volumes of data in real-time, supporting automated decision-making processes.
- Developed machine learning algorithms for pattern recognition and anomaly detection in real-time data streams.
- Worked on scaling the data processing system to support high transaction volumes across multiple applications.

High-Throughput Systems Low-Latency Processing Real-Time Data System Scalability

## EDUCATION

Metropolitan State University of Denver - Bachelor's in Applied Physics 2005-08 — 2010-04

Metropolitan State University of Denver - Bachelor's in Applied Mathematics 2005-08 — 2010-04

Metropolitan State University of Denver - Bachelor's in Computer Science 2005-08 — 2010-04