

TEAGAN GLENN

DATA-INTENSIVE APPLICATIONS & MACHINE LEARNING PLATFORMS

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A Senior Software Engineer with over 20 years of experience developing scalable, data-intensive applications and machine learning platforms. I have a deep understanding of Python, algorithm development, and optimizing code for performance in production environments. I thrive in roles that involve infrastructure improvements, automation, and mentoring, and am passionate about building reliable, scalable systems that drive innovation.

</> SKILLS

PROGRAMMING LANGUAGES

PYTHON C# JAVA

DATA SCIENCE & MACHINE LEARNING

NUMPY PANDAS SCIKIT-LEARN ALGORITHM
DEVELOPMENT MACHINE LEARNING PLATFORMS

INFRASTRUCTURE & OPTIMIZATION

DOCKER AWS CI/CD UNIX GIT

SOFTWARE DEVELOPMENT PRACTICES

AGILE AUTOMATION CONTINUOUS DELIVERY

SOFT

TEAM LEADERSHIP MENTORING CROSS-DISCIPLINE
COLLABORATION



HISTORY

*Advanced Senior GraphQL Lead Engineer,
Resideo*

2022-05 — 2024-06

- Developed scalable, data-intensive systems processing large amounts of real-time data, optimizing infrastructure for performance and reliability.
- Improved runtime and memory usage for internal applications, ensuring they met high performance standards.
- Mentored team members on software engineering best practices, increasing overall team efficiency and collaboration.
- Led infrastructure improvements by automating deployment processes with Docker and AWS.

Python AWS Docker Real-Time Data Mentoring Algorithm Optimization

*Senior Delivery Engineer,
World Wide Technology*

2021-01 — 2022-05

- Led the development of automated solutions for large-scale data processing applications, ensuring high performance in production environments.
- Built internal libraries for data processing and optimization, enabling scalable deployment across multiple environments.
- Worked closely with cross-functional teams to align system development with business goals and technical requirements.

Python Docker Data Optimization Infrastructure Scaling Algorithm Development

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

2020-09 — 2020-12

- Led efforts to deploy dockerized services in AWS, optimizing infrastructure for edge devices and real-time processing.
- Developed automation scripts to improve system runtime and memory usage in high-throughput environments.

Docker AWS CI/CD Pipelines Automation

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

2019-05 — 2020-09

- Designed and optimized machine learning and data processing systems that handled high-volume, real-time data.
- Worked on improving system scalability and reliability, enhancing performance through memory optimization and efficient algorithms.
- Collaborated with data scientists to build algorithms that supported predictive analysis and automated decision-making.
- Integrated CI/CD pipelines with Docker for efficient deployment and scaling of machine learning models in AWS.

Machine Learning Platforms CI/CD Pipelines Data-Intensive Applications AWS Python Scikit-Learn



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