



# Leo Singleton

## MLOps Engineer

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### SUMMARY

Passionate MLOps Engineer driven by deploying machine learning models and enhancing cloud solutions. Forte in maintaining model pipelines, automating workflows, and collaborating with data engineers to boost project outcomes. Dedicated to refining deployment processes for optimal performance post-launch. Committed to learning while contributing to the team's success through effective support of model implementation and ongoing operations. Proven history in ensuring models perform reliably, backed by hands-on experience in Python, Docker, and cloud infrastructure. Ready to leverage these skills at Qdev.

### STRENGTHS

- Strong Collaboration**  
Worked seamlessly with cross-functional teams, ensuring successful project delivery and modeling efforts.
- Efficient Workflow Automation**  
Streamlined complex workflows which resulted in measurable increases in process efficacy and reliability.
- Innovative Problem Solver**  
Regularly sought out by peers for creative solutions during data setbacks or operational challenges.
- Analytical Mindset**  
Rigorous approach to data insights led to improved decision-making strategies within teams.
- Effective Communicator**  
Communicated technical concepts clearly to non-technical stakeholders, fostering departments' collaboration.

### SKILLS

Python Docker

Cloud Infrastructure

Machine Learning

Data Workflow Automation

### LANGUAGES

English

Native

### EXPERIENCE

#### MLOps Engineer

CloudTech Solutions 📅 January 2023 - Present 📍 Schaumburg, IL

Focused on optimizing model deployment workflows while working with cross-functional teams. Enhance cloud infrastructures and automate data processes for improved efficiency. Play a crucial role in ensuring seamless model operations post-launch.

- Collaborate effectively across teams to maintain robust model deployment pipelines.
- Enhance cloud infrastructure, resulting in streamlined machine learning operations.
- Automate data workflows that reinforce model reliability and accuracy.
- Engage in proactive problem-solving and continuous system improvements.

#### Machine Learning Engineer

Data Innovations Inc. 📅 June 2021 - December 2022 📍 Naperville, IL

Supported development and deployment of machine learning models, ensuring alignment with operational standards. Collaborated closely with MLOps to prepare models for production environments.

- Developed, tested, and implemented machine learning models for key business strategies.
- Partnered within the MLOps team to ensure smooth model operations after deployment.
- Conducted extensive performance evaluations and made optimizations as needed.
- Played an instrumental part in analyzing requirements and fulfilling them effectively.

#### Junior Data Scientist

Bright Future Tech 📅 January 2020 - May 2021 📍 Aurora, IL

Assisted with predictive modeling projects using Python and R, providing valuable insights into data-driven decision-making. Fostered collaboration among peers to analyze extensive datasets.

- Contributed to the development of robust predictive models tailored for various applications.
- Worked alongside colleagues to derive insights from large-scale data analysis.
- Helped refine statistical approaches and data handling methods for better outcomes.
- Participated actively in team discussions, sharing knowledge and ideas freely.

### LEADERSHIP & AWARDS

- Top Performer Award at CloudTech Solutions for outstanding contributions in implementing automation across data workflows.
- Received Team Excellence Award at Data Innovations for exemplary teamwork on crucial deployment projects.

### EDUCATION

#### Bachelor's Degree in Computer Science

University of Illinois 🎓 GPA: 3.75 📅 2019 📍 Chicago, IL

**Coursework:** Data Structures, Machine Learning, Cloud Computing, Software Engineering

## MY CAREER



● MLOps Engineer at CloudTech Solutions (3.4 Years)

● Machine Learning Engineer at Data Innovations Inc. (1.5 Years)

● Junior Data Scientist at Bright Future Tech (1.3 Years)

## CERTIFICATIONS

- Certified Kubernetes Administrator 📅 2023
- AWS Certified Solutions Architect 📅 2023

## TECHNICAL SKILLS

- **Programming Languages:** Python, R, SQL
- **Containerization Tools:** Docker, Kubernetes
- **Cloud Platforms:** AWS, Azure, GCP
- **Automation Tools:** Apache Airflow, MLflow
- **Version Control Systems:** Git, Bitbucket
- **Database Technologies:** PostgreSQL, MongoDB
- **Big Data Technologies:** Hadoop, Spark
- **Machine Learning Frameworks:** TensorFlow, PyTorch
- **Software Engineering Methodologies:** Agile, Scrum
- **Collaboration Tools:** JIRA, Confluence

## PROFESSIONAL AFFILIATIONS

- Member of the Association for Computing Machinery (ACM), engaging in tech-related events and community outreach.
- Active participant in local data science meetups, exchanging knowledge and trends with industry professionals.

## ADDITIONAL INFORMATION

**Work Status** : Authorized to work in United States. No sponsorship required.

## REFERENCES

AVAILABLE ON REQUEST