



Kaia Ortiz

MLOps Engineer

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SUMMARY

Dedicated MLOps Engineer with over four years in software engineering and machine learning operations. Eager to enhance AI-driven solutions through robust ML pipeline management. Proficient in designing CI/CD pipelines tailored for machine learning, developing efficient infrastructures, and ensuring seamless collaboration with data scientists and engineers. Committed to optimizing ML workflows by staying current with MLOps best practices and emerging technologies. Strong in Python programming and experienced in the deployment of scalable cloud-based applications. Ready to contribute technical expertise to a team focused on innovation.

STRENGTHS

- 💡 **Problem Solver**
Adopted innovative approaches to tackle complex technical challenges faced in ML operations, earning respect from colleagues.
- 👥 **Team Collaborator**
Effective in working within diverse teams, frequently relying on collective input to navigate project demands and milestones.
- 🔄 **Adaptable Learner**
Quickly learned new tools and technologies relevant to MLOps requirements, becoming a valuable resource for peers.
- 📄 **Detail Oriented**
Developed thorough documentation for CI/CD processes and deployments, greatly aiding team workflow.
- 💬 **Communicator**
Regularly presented project updates and technical information clearly to non-technical colleagues, fostering better understanding.

SKILLS

Machine Learning Operations (MLOps)

CI/CD Pipelines Python Docker

Kubernetes AWS Azure GCP

Monitoring and Logging Tools

Software Development

Tool Integration

Version Control Systems

EXPERIENCE

MLOps Engineer

Data Innovations Inc. 📅 January 2024 - Present 📍 San Francisco, CA

As an MLOps Engineer, implemented and managed CI/CD pipelines for machine learning models. Collaborated closely with data scientists, optimizing model performance while troubleshooting production issues. Ensured reliable deployment processes that enhanced scalability for ML applications. Designed infrastructure leveraging AWS cloud services, supporting effective machine learning operations.

- Streamlined ML model deployment through automated CI/CD pipelines, enhancing efficiency.
- Collaborated with data scientists to maintain optimal performance and quickly resolve issues.
- Implemented scalable cloud solutions using AWS, ensuring seamless machine learning operations.
- Conducted performance monitoring of models, adapting strategies for improvements.

Software Engineer

TechWave Solutions 📅 June 2022 - December 2023 📍 Austin, TX

Worked as a Software Engineer focusing on data processing and optimization for various machine learning models. Contributed significantly to integrating machine learning into existing systems, enhancing overall application functionality. Utilized advanced monitoring tools for quality assurance and ensured high operational standards.

- Designed and developed software that optimized data processing tasks in machine learning.
- Monitored model performance through sophisticated logging and tracking systems.
- Integrated ML applications into existing platforms with cross-functional teams effectively.
- Enhanced application quality through rigorous testing and validation procedures.

Junior DevOps Engineer

CloudOps Technologies 📅 March 2021 - May 2022 📍 Seattle, WA

Gained foundational experience in automating deployment processes for cloud applications. Supported design and implementation of CI/CD pipelines, contributing to robust delivery and integration workflows. Worked alongside senior engineers to maintain cloud infrastructure integrity and security.

- Assisted in deploying automated solutions that streamlined cloud-based applications.
- Contributed to the development of CI/CD pipelines, ensuring faster release cycles.
- Collaboration with senior engineers improved infrastructure maintenance processes.
- Facilitated troubleshooting efforts on cloud services, enhancing system reliability.

LEADERSHIP & AWARDS

- AWS Certified Solutions Architect – Associate, 2023
- Certified Kubernetes Administrator (CKA), 2022

EDUCATION

Bachelor's Degree in Computer Science

Containerization

Scripting Languages

LANGUAGES

English Native

Spanish Intermediate

MY CAREER



● MLOps Engineer at Data Innovations Inc. (2.4 Years)

● Software Engineer at TechWave Solutions (1.5 Years)

● Junior DevOps Engineer at CloudOps Technologies (1.2 Years)

University of Colorado Boulder 🎓 GPA: 3.8 📅 2020 📍 Boulder, CO

Coursework: Machine Learning, Data Structures, Algorithms, Software Engineering

CERTIFICATIONS

- Certified Kubernetes Administrator (CKA) 📅 2022
- AWS Certified Solutions Architect – Associate 📅 2023

TECHNICAL SKILLS

- **Continuous Integration Tools:** Jenkins, GitLab CI, GitHub Actions
- **Programming Languages:** Python, Bash
- **Cloud Platforms:** AWS, Azure, GCP
- **Containerization Tools:** Docker, Kubernetes
- **Monitoring Tools:** Prometheus, Grafana
- **ML Deployment Strategies:** Model Versioning, Automation
- **Data Processing Frameworks:** Apache Spark, Pandas
- **Development Methodologies:** Agile, Scrum
- **Meta-learning Techniques:** Transfer Learning, Hyperparameter Tuning
- **Data Visualization Tools:** Matplotlib, Seaborn

PROFESSIONAL AFFILIATIONS

- Member of the Association for Computing Machinery (ACM)
- Active participant in local tech meetups and workshops

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST