

Machine Learning Operations Engineer

UNITED STATES / Data Science and Engineering / FULL-TIME / REMOTE (Please see “Location” below)

To Apply

To apply, please send your resume and cover letter to recruiting@arturo.ai.

Position Overview

We are seeking a highly skilled and experienced MLOps Engineer to join our dynamic team. The successful candidate will be responsible for operationalizing and scaling machine learning models for production environments using AWS SageMaker. This role involves collaboration with third-party vendors to construct robust ETL pipelines and ensure seamless integration of machine learning models into various applications. Additionally, the MLOps Engineer will manage and improve our existing ML infrastructure, developing iterative processes for enhanced performance.

About Arturo

At Arturo, “Property is Personal.” Arturo is on a mission to empower people by providing clarity around the past, present and future of property. How do we do it? By gathering, synchronizing, and analyzing imagery and other data surrounding properties, we provide property insights that drive faster, smarter, and more confident decisions. We turn data into intelligence, giving insurers the ability to better predict the unpredictable and protect customers from the unimaginable.

Our team of technologists, data scientists and innovators are channeling the power of machine learning to put technology in service of people. Our goal is not just to optimize the way insurance carriers serve their customers, but to give those customers the confidence to look forward, be bold, and live their lives fearlessly, no matter what lies ahead. To help people protect their most personal assets and the lives they’ve worked so hard to build. Because nothing is more personal than property, insurance has to be too.

Arturo’s artificial intelligence (AI) models help insurance carriers make smarter decisions throughout the policy lifecycle, from the property level to the portfolio level. Arturo’s AI-based platform helps insurers securely underwrite risks, efficiently allocate resources, and lower claims cost across their book of business, allowing them to focus on what matters most: the customer, and our shared commitment to protecting our world.

Our origin as a company developed inside of American Family Insurance sets us apart. We know the business like the back of our hand—because we were once part of it. Today, Arturo continues to build solutions with customer success in mind. Arturo consistently adapts to an ever-changing professional landscape.

We are a start-up culture in every sense of the word...we hold a high bar, we lead with empathy, we expect creativity, operate with accountability, and strive for excellence in execution. We support our employees by providing a remote-first flexible work schedule, competitive benefits and a flexible time off policy.

Location

Though we do support a remote work environment, our preference is for hybrid-willing candidates that are located in Utah. However, we are open to remote employees in the following states: California, Colorado, Illinois, Maryland, Massachusetts, Missouri, and Texas. Please only apply if you live or are willing to relocate (at your own expense) to one of these states.

What You'll Do:

- Deploy machine learning models to production using AWS SageMaker.
- Build data pipelines to integrate models and structure inference outputs.
- Optimize infrastructure for scalability, cost efficiency, and continuous iteration.
- Collaborate with data scientists and third-party vendors on projects.
- Maintain production systems and help evolve ML processes.

What You Bring:

- Bachelor's or master's degree in computer science, engineering, statistics, or similar quantitative field.
- Strong understanding of machine learning concepts, model lifecycle management, and ML model deployment. Computer vision and/or geospatial experience is a plus.
- Proficiency in Python and familiarity with data science and ML libraries and frameworks.
- Solid experience with AWS. Specifically, AWS SageMaker, Lambda, EC2, S3, and DynamoDB.
- Knowledge of containerization technologies such as Docker and Kubernetes.
- Experience creating and managing ETL pipelines, data warehousing solutions, and streaming data services.
- Familiarity with GenAI capabilities, MLOps best practices, and CI/CD processes for machine learning.
- Fiercely resourceful, creative problem solver, and a preference to work in environments requiring minimal guidance where dynamic and unpredictable situations are the norm.

- Excellent communication and collaboration skills to work with cross-functional teams.

PLEASE NOTE:

When applying for this role please include a summary of your experience with AWS SageMaker and ML Operations.

Travel

You can expect to travel an average of [5%] of the time for company meetings, etc.

Compensation and Benefits

Base Salary Range: \$150k - \$180k/year plus bonus-based incentives and equity. In addition, Arturo provides a variety of benefits to employees, including health, medical, dental and vision insurance coverage (82% employer contribution), life and disability insurance, 401k with match, paid holidays, paid sick leave and flexible time off.

Why Arturo?

- You enjoy solving problems that initially seem impossible.
- You relish working alongside passionate, respectful, and intelligent teammates.
- You value being challenged by those around you to achieve great things.
- You take pride in your work and want to see results provide tangible value.
- You want to create the most sophisticated and accurate products in the InsurTech space
- Fortune 500 customers will use the outputs of your models to power their business and make decisions.

Arturo for ALL

We are committed to building a culture as unique as the people, perspectives and passions it represents. We promise never to settle when it comes to diversity, equity and inclusion. As the world changes and evolves, we will always listen, learn and do.

Arturo is proud to be an equal-opportunity workplace and is an affirmative action employer. We are committed to equal employment opportunity regardless of race, color, ancestry, religion, sex, national origin, sexual orientation, age, citizenship, marital status, disability, gender identity and Veteran status.

Privacy

By applying for this position, your data will be processed as per the [Arturo Privacy Notice for Job Applicants](#).