



Senior Python Engineer (Analytics)

XOi Technologies, one of the fastest growing startups in Nashville, is changing the way field service companies capture data, create efficiencies, collaborate with their technicians, and drive additional revenue through the use of the XOi Vision platform. Our cloud-based mobile application is powered by a robust set of machine learning capabilities to drive behaviors and create a seamless experience for our users.

We are a group of talented and passionate engineers and data scientists working together to discover and provide valuable insights for our customers. We leverage state-of-the-art machine learning techniques to provide our users with these unique insights, best practices, and solutions to the challenges they face in their workplace. Problems and solutions typically center around aspects of the Vision platform such as image recognition, natural language processing, and content recommendation.

As a Senior Engineer on the analytics team, you will be responsible for building applications and data pipelines to curate and organize XOi's data. Data is our most valuable asset, and in this position, you will be a key contributor to the team. You will build applications using Python (AWS Lambda), as well as other technologies, including GraphQL and DynamoDB. The ideal candidate is someone who is highly driven to exceed benchmarks for product and service quality and is able to work independently with little supervision.

If the position overview below describes you, please email your resume to careers@xoi.io for consideration.

Responsibilities:

- Build effective and well-tested web applications and data visualizations.
- Build data ETL pipelines and web scrapers.
- Assist in gathering and implementing requirements for data applications.
- Take ownership of application components and ensure quality throughout the development process.
- Build and maintain CI/CD pipelines.
- Create reports and documentation on the status, operation, and maintenance of the applications you build.

Requirements:

- Bachelor's degree in Computer Science or equivalent field (or 6+ years of working experience).
- 3+ years of demonstrated experience building and deploying applications or services in a cloud infrastructure environment.
- Expertise with functional or object-oriented program design patterns with a demonstrated ability to choose between and synthesize them.
- Experience with both statically and dynamically typed programming languages and a solid understanding of the strengths and weaknesses of both paradigms.
- Good understanding of REST-based services and service-based architecture.
- Experience in developing best practices, software principles, and code design concepts.
- Experience in developing and supporting rapid iterations of software in an Agile context.

Nice to Have:

- Experience with CI/CD development and organizational practices.



- Experience with AWS services such as Lambda, AppSync, S3, and DynamoDB.
- Experience deploying machine learning models with Tensorflow or similar deep learning frameworks.
- Experience with web development frameworks and visualization libraries such as React and D3.js.

You Are Someone Who:

- Has a passion for code quality and craftsmanship.
- Views your profession as your craft and continuously pursues excellence in your work.
- Thrives in a fast-paced, high-growth startup environment.
- Collaborates effectively across various teams, coordinating regularly to set and manage expectations.

You'll experience:

- Being a key part of a fast-growing software company where you can make a difference.
- Comprehensive insurance plans.
- Monthly wellness allowance.
- Flexible paid time off & paid volunteer time.
- Learning & development.
- Working in the historic and centrally located Marathon Village in Nashville, TN.
- Participating in team outings, events, and general fun!
- Helping to change an industry by serving the men and women that make our world turn.