

Eliza Cannon

Principal MLOps Engineer

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SUMMARY

Dynamic Principal MLOps Engineer with over 10 years' experience in AI/ML integration. Proven track record in collaborating with diverse teams to elevate machine learning systems. Expertise includes designing impactful MLOps platforms and overseeing automated workflows for optimal performance. Committed to advancing company goals through strategic enhancements and reliable production standards. Eager to apply leadership skills to drive innovation at Tech Innovations Inc.

EXPERIENCE

Principal MLOps Engineer

Innovative Tech Solutions 📅 January 2020 - Present 📍 New York, NY

Oversee the development of a cutting-edge MLOps platform aimed at pushing AI-driven solutions forward.

- Design and implement robust MLOps architecture that transforms AI capabilities.
- Collaborate with engineering teams globally to strengthen data science initiatives.
- Drive day-to-day operational efficiency through innovative process improvements.
- Facilitate architecture reviews for alignment with best practices across projects.

Senior MLOps Engineer

Data Systems Corp. 📅 March 2015 - December 2019 📍 Los Angeles, CA

Played a key role in deploying scalable MLOps solutions and maintaining effective infrastructure.

- Spearheaded ML solutions development, enhancing model deployment and training.
- Established frameworks ensuring compliance with industry standards across all AI projects.
- Worked alongside international teams to streamline AI processes, boosting overall productivity.
- Conducted results-oriented evaluations to improve existing systems and pipelines.

MLOps Engineer

Tech Solutions Group 📅 June 2012 - February 2015 📍 Austin, TX

Focused on designing systems that ensure machine learning reliability in production settings.

- Implemented optimized machine learning pipelines to maximize efficiency and reduce downtime.
- Engaged with cross-functional teams to realize full-cycle ML project delivery.
- Reviewed architectures to align security protocols with organizational needs.
- Facilitated continuous improvements leading to enhanced team and project outcomes.

LEADERSHIP & AWARDS

- Recipient of the AI Innovation Award for significant contributions to transformative machine learning applications.
- Honored with Team Excellence Award for exceptional collaboration and driving successful project completion.

EDUCATION

Bachelor's Degree in Computer Science

University of Illinois 🎓 GPA: 3.8 📅 2012 📍 Champaign, IL

Coursework: Data Structures, Algorithms, Artificial Intelligence, Machine Learning

CERTIFICATIONS

- Databricks ML Professional Certification 📅 2021
- Snowflake Certification 📅 2022

TECHNICAL SKILLS

- **Machine Learning Libraries:** TensorFlow, PyTorch, Scikit-learn
- **Cloud Services:** AWS, Azure, Google Cloud
- **CI/CD Tools:** Jenkins, GitLab CI, CircleCI
- **Data Visualization Tools:** Tableau, Power BI, Matplotlib
- **DevOps Technologies:** Terraform, Helm, Prometheus
- **Containerization Tools:** Docker, Kubernetes, OpenShift

- **Database Technology:** PostgreSQL, MySQL, MongoDB
- **Frameworks:** FastAPI, Flask, Spring Boot
- **Testing Frameworks:** PyTest, JUnit, Selenium
- **Big Data Tools:** Apache Spark, Hadoop, Kafka

SKILLS

- MLOps
- AI/ML Integration
- Software Development
- Data Engineering
- Python
- Java
- Kubernetes
- Docker
- MLflow
- Spark
- Data Processing
- Model Deployment
- Workflow Optimization
- Scalable Solutions
- System Architecture
- Compliance Frameworks

PROFESSIONAL AFFILIATIONS

- Board member of the AI Enthusiasts Collective, cultivating community engagement around emerging technologies.
- Member of Women in Tech Network, focusing on promoting diversity in technology sectors.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST