

# Clara Lynch

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## SUMMARY

Passionate product engineer driven by innovation and development in machine learning technology. With over five years of dedicated experience, contributions include leading diverse engineering teams through the design and implementation of distributed systems for AI applications. Delivered performance enhancements while collaborating cross-functionally to tailor groundbreaking solutions that meet complex customer requirements. Each project undertaken enriches understanding around AI metrics and observability, enhancing product capabilities. Committed to fostering an inclusive culture where every team member's growth and potential is encouraged and celebrated. Eagerly approaching new opportunities to further ripple impacts within tech.

## EXPERIENCE

### Senior Product Engineer

January 2023 - Present

Tech Innovators Inc.

Los Angeles, CA

Lead complex projects focusing on AI applications integrating cloud-based solutions at scale. Collaborative efforts included deep engagements with clients to uncover needs and craft tailored solutions. Continually improved system reliability by guiding the development of distributed architectures, contributing significantly to overall enhancement in performance metrics.

- Spearhead design and execution of distributed systems facilitating AI application performance.
- Collaborate effectively with data scientists to create innovative evaluation metrics.
- Engage directly with clients for tailored AI solutions addressing unique challenges.
- Mentor junior engineers, fostering a culture of knowledge sharing and problem-solving.

### Product Engineer

June 2020 - December 2022

NextGen Systems

Austin, TX

Focused on crafting cutting-edge cloud solutions aimed at enterprise customers. Drove installation efficiency and realization of numerous success metrics while fine-tuning intricate machine learning algorithms through extensive testing protocols.

- Developed and deployed cloud solutions improving operational efficiency for clients.
- Conducted rigorous testing to validate accuracy and reliability of AI algorithms.
- Worked across disciplines to enhance integration of ML capabilities in multiple domains.
- Regular client interactions ensured continuous improvement and alignment with stakeholder objectives.

### Junior Product Engineer

July 2018 - May 2020

Digital Dynamics

Seattle, WA

Contributed to foundational elements of innovative cloud platforms with a keen interest in machine learning advancements. Provided crucial support for senior engineers while engaging with clients to gather insights that shaped product iterations improving user experience.

- Assisted in building scalable components for advanced cloud platforms focused on AI.
- Supported optimization processes enhancing overall system performance.
- Took part in regular feedback sessions with clients to address evolving needs.
- Collaborated extensively with experienced peers to gain practical industry insights.

## LEADERSHIP & AWARDS

- Certified Machine Learning Specialist
- AWS Certified Solutions Architect

## EDUCATION

### Bachelor's Degree in Computer Science

2018

University of Colorado Boulder GPA: 3.5

Boulder, CO

**Coursework:** Data Structures, Algorithms, Software Development, Cloud Computing

## CERTIFICATIONS

- Certified Machine Learning Specialist 📅 2021
- AWS Certified Solutions Architect 📅 2022

## TECHNICAL SKILLS

- **Systems Engineering:** Data Analysis

- **Software Development:** Cloud Technologies
- **AI Frameworks:** Statistical Modeling
- **Microsoft Azure:** Google Cloud
- **Scrum:** Kanban
- **Version Control:** CI/CD Pipelines
- **API Design:** Cloud Interface
- **ML Operations:** Big Data Processing
- **Data Visualization:** Database Management
- **Networking:** Security Protocols

## SKILLS

- Machine Learning
- Cloud Computing
- Systems Engineering
- Python
- Java
- Agile Methodologies
- Microservices
- Distributed Systems
- AI Applications
- Client Interaction
- Metrics Development
- Observability Tools
- Data Science
- Technical Leadership
- Performance Optimization
- Team Collaboration

## PROFESSIONAL AFFILIATIONS

- Member of Women in Technology Association
- Active participant in AI Developers Forum

## LANGUAGES

- English (Native)
- Spanish (Proficient)

## ADDITIONAL INFORMATION

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

## REFERENCES

AVAILABLE ON REQUEST