

Eva Sanders

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SUMMARY

Principal machine learning engineer with 10 years of experience building **cloud platforms**, **backend services**, and AI enabled **enterprise applications**. Designs scalable microservices, APIs, containerized systems, and machine learning infrastructure with Kubernetes, Docker, cloud technologies, and Python. Partners closely with **data scientists**, architects, and engineering teams to turn research concepts into dependable production software. Leads architecture reviews, code reviews, testing practices, CI/CD delivery, and technical decisions across platform initiatives. Mentors engineers through practical feedback and collaborative problem solving, helping teams deliver with greater consistency. Experience includes data engineering concepts, agile Scrum delivery, platform integration, application reliability, and customer focused solution design. Brings a thoughtful, hands on approach to building secure, maintainable services that support measurable business value and long term enterprise growth.

EXPERIENCE

Principal Machine Learning Engineer

March 2022 - Present

Blue Horizon AI Labs

Palo Alto, CA

Owns cloud machine learning platforms, **backend services**, and enterprise AI delivery workflows. Leads architecture reviews, engineering standards, platform integration, and mentoring across machine learning and software teams.

- Architected cloud machine learning platforms supporting enterprise AI development and deployment workflows
- Led **backend** service reviews for APIs, **microservices**, and scalable application components
- Guided engineers through coding standards, **Docker** workflows, and **Kubernetes** deployments
- Partnered with **data scientists** on production software for machine learning concepts
- Established CI/CD practices that improved delivery consistency across engineering teams
- Mentored developers through technical reviews and collaborative problem solving

Senior Machine Learning Engineer

July 2019 - February 2022

CloudWorks Technology

Mountain View, CA

Developed **cloud applications**, data driven services, and containerized platforms for enterprise customers. Combined solution design, automated delivery, integration planning, and technical customer engagement across agile teams.

- Developed data driven services and **APIs** for cloud based business applications
- Built Docker and Kubernetes solutions for agile enterprise application delivery
- Implemented automated testing and deployment workflows supporting production releases
- Partnered with architects on integration strategies and platform decisions
- Evaluated emerging AI technologies for enterprise application improvements
- Supported customer discussions with solution design expertise and technical clarity

Software Engineer

August 2016 - June 2019

DataCore Solutions

San Jose, CA

Built backend services and reusable cloud application components while strengthening testing, API development, data integration, and agile delivery practices. Worked closely with data teams and architects on dependable software products.

- Created **backend services** using API development patterns and software engineering practices
- Improved application reliability through testing automation and **code review** participation
- Integrated analytical capabilities with data teams for software product releases
- Developed reusable components for cloud application environments and shared engineering needs
- Documented technical designs and implementation approaches for delivery teams
- Supported **agile Scrum** ceremonies and engineering delivery activities

PROJECTS

Enterprise AI Platform Modernization 📅 2024

Built a scalable platform blueprint connecting cloud machine learning workflows, microservices, APIs, Docker, Kubernetes, and CI/CD delivery practices for enterprise application teams.

Production Model Service Framework 📅 2023

Created a service framework for moving data scientist concepts into production APIs with automated testing, container deployment, and dependable operational support.

LEADERSHIP & AWARDS

- Technical leadership recognition for guiding cloud machine learning platform architecture and delivery across engineering teams.
- Engineering mentorship recognition for supporting developers through reviews, practical feedback, and collaborative problem solving.
- Delivery leadership recognition for establishing consistent CI/CD practices across cross functional engineering teams.

EDUCATION

Master's Degree in Computer Science

Stanford University GPA: 4.0

2016
Stanford, CA

Coursework: Machine Learning, Cloud Computing, Distributed Systems, Data Engineering

CERTIFICATIONS

- AWS Certified Developer 📅 2024
- Kubernetes Application Developer Training 📅 2023

TECHNICAL SKILLS

- **Cloud Platforms:** AWS, cloud applications, cloud infrastructure
- **Machine Learning:** machine learning, AI capabilities, model deployment
- **Container Platforms:** Docker, Kubernetes, containerized applications
- **Backend Development:** Python, backend services, scalable components
- **API Development:** APIs, JSON, service integration
- **Microservices:** microservices, distributed services, service architecture
- **Delivery Automation:** CI/CD, automated deployment, release workflows
- **Software Testing:** TDD, automated testing, code review
- **Source Control:** Git, version control, collaborative development
- **Agile Delivery:** Agile Scrum, sprint planning, retrospectives

SKILLS

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|--------------------|-----------------|-------------------------|----------------------|
| • Machine Learning | • APIs | • Git | • Backend Services |
| • Cloud Platforms | • Microservices | • Agile Scrum | • Cloud Applications |
| • Kubernetes | • CI/CD | • Software Architecture | • TDD |
| • Docker | • Python | • Data Engineering | |

PROFESSIONAL AFFILIATIONS

- Machine learning engineering community participant, sharing platform practices with data scientists and software engineers.
- Agile Scrum engineering contributor, supporting planning, reviews, retrospectives, and dependable team delivery.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST