Caitlin Cannon

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Summary

Caitlin Cannon is a Lead ML Engineer with extensive experience in developing robust machine learning platforms and optimizing supply chain processes. With a core stack that includes Python, Java, and cloud technologies, she excels in delivering innovative developer tooling solutions.

Skills

AWS, Agile Methodologies, Data Analysis, GCP, Go, Java, Kafka, Kubernetes, Machine Learning, Python, Terraform

Experience

Lead ML Engineer — Tech Innovations Inc. (Jan 2021 - Present)

- Designed and implemented a machine learning platform that decreased model training time by 30%.
- Led a team of 5 engineers in developing developer tooling that improved deployment times by 40%.
- Optimized supply chain algorithms, leading to a 20% reduction in operational costs.

Senior Software Engineer — Supply Chain Solutions LLC (Jun 2018 - Dec 2020)

- Developed a cloud-based solution that increased inventory accuracy by 25%.
- Collaborated with cross-functional teams to implement Kubernetes for container orchestration, enhancing system reliability.
- Built and maintained ETL pipelines using Python and Kafka, improving data processing speed by 50%.

Software Engineer — Data Central Corp. (Mar 2016 - May 2018)

- Created a Java-based analytics engine that provided real-time insights, reducing reporting time from hours to minutes.
- Enhanced existing microservices architecture to support a 100% increase in data throughput.
- Contributed to the development of CI/CD pipelines utilizing Terraform, leading to a 35% increase in deployment efficiency.

Junior Developer — CloudTech Solutions (Jan 2015 - Feb 2016)

- Assisted in the migration of legacy applications to AWS, resulting in a cost reduction of 15%.
- Implemented automated testing frameworks that decreased bug reports by 20%.
- Participated in agile sprints, helping deliver high-quality software on time.

Education

Bachelor of Science in Computer Science — University of Arizona (Aug 2010 - May 2014)

- Graduated with honors (Cum Laude).

- Completed a capstone project on predictive analytics in supply chain management.
- Participated in hackathons, winning first place for an application focused on optimizing delivery systems.