

# Casey Key

• [Portfolio Website](#)

**OBJECTIVE:** Optimize asset management with machine learning & analytics as a full-stack engineer.

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## EDUCATION:

Colorado State University, *Fort Collins, CO*

B.S. Computer Science

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## TECHNICAL SKILLS:

- Python, C++, Java
  - Kafka, Ruby, JavaScript
  - Cloud, React, Testing
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## PROFESSIONAL EXPERIENCE:

Associate Software Engineer      Capital One, *Plano, TX*      August 2021 – Present

- Decreased data registration time by implementing data quality rules using a Chrome extension
  - Maximized data pipeline performance for minimum latency using Kafka, Python, and parallelism
  - Improved data quality and onboarding experience by productizing a file-transfer Lambda application
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## INTERNSHIP EXPERIENCE:

DevOps Engineer      Bongo, *Loveland, CO*      August 2019 – May 2021

- Fortified web application services by building custom monitoring tooling
- Automated 73 quality assurance tests with Ruby and Jenkins for a sophisticated web app

Associate Cloud Consultant      Amazon, *Herndon, VA*      May 2020 – August 2020

- Architected self-service virtual desktop solution to reduce end-user's procurement time by 85%
- Satisfied customer requests for highly available RESTful services after project demos

Cloud Solutions Engineer      Oracle, *Reston, VA*      May 2019 – August 2019

- Improved client's business performance up to 47% using Oracle Cloud for analytics
  - Decreased social media monitoring to sub-second response time for real-time brand management
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## CERTIFICATIONS:

- AWS Certified Developer - Associate      February 2022
  - AWS Certified Cloud Practitioner      June 2020
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## RELEVANT COURSEWORK:

- Parallel Programming
  - Machine Learning
  - Software Engineering
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## AWARDS:

Dean's List      Fall 2018 - Fall 2020

- Earned recognition by the Dean for achieving a GPA above 3.75 as a full-time student and intern
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## LEADERSHIP:

President      CSU's AISES Chapter      August 2019 – April 2021

- Increased membership by 100% through outreach and advertisement