

Casey Key

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OBJECTIVE: Lead full-stack application development to satisfy and exceed customer expectations..

TECHNICAL SKILLS:

- Python, React, Swift
- Kafka, Ruby, C++
- TypeScript, DevOps, AWS

PROFESSIONAL EXPERIENCE:

Software Engineer Amazon, *Los Angeles, CA* August 2022 – Present

- Reduced customer support tickets by adding a service status banner during outages,
- Implemented slice and dice web application date roll-up feature for worldwide accountants,
- Automated expense processing and delivery reports to minimize accounting response time.

Senior Software Engineer Capital One, *Plano, TX* August 2021 – August 2022

- Improved data registration by architecting a Chrome extension to enforce strict metadata standards.
- Maximized data pipeline performance to minimize latency using Kafka, Python, and parallelism,
- Accelerated file transfers by building a self-service data registration and streaming pipeline.

EDUCATION:

University of Southern California, *Los Angeles, CA* Expected May 2025

- M.S. in Computer Science for Artificial Intelligence

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 their full-stack B2C 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,
- Monitored social media within sub-second response time for real-time brand management.

CERTIFICATIONS:

- AWS Certified Developer - Associate February 2022
- AWS Certified Cloud Practitioner June 2020

RELEVANT COURSEWORK:

- Parallel Programming
- Computer Security
- Foundations of Artificial Intelligence