

# Casey Key

• [Portfolio](#) • [casey.key@pm.me](mailto:casey.key@pm.me) • [\(307\) 224 - 2940](tel:(307)224-2940)

**OBJECTIVE:** Architect applications as a full-stack engineer with direct customer engagement.

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## EDUCATION:

University of Southern California, *Los Angeles, CA*

Expected May 2024

- M.S. in Computer Science for Artificial Intelligence
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## TECHNICAL SKILLS:

- Python, React, Swift
  - Kafka, Ruby, C++
  - DevOps, UI/UX, TypeScript
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## PROFESSIONAL EXPERIENCE:

Software Engineer

Amazon, *Los Angeles, CA*

August 2022 – Present

- Reduced customer support tickets by adding a service status banner during outages,
- Minimized accounting response time by automating expense processing and report deliveries,
- Modernized production web application to improve user experience and reduce technical debt.

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,
  - Architected a self-service file-transfer Lambda pipeline stream to accelerate data onboarding.
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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 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,
  - 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
  - Deep Learning
  - Foundations of Artificial Intelligence
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## LEADERSHIP:

Technical Interview Mentor

CodePath, *Remote*

May 2022 – August 2023

- Coached 3 students algorithm implementation and discussion through 8 mock interviews