Casey Key

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OBJECTIVE: Optimize client assets as a full-stack engineer using artificial intelligence for analytics.

EDUCATION:

University of Southern California, *Los Angeles, CA*   Expected May 2024
- M.S. in Computer Science for Artificial Intelligence

TECHNICAL SKILLS:

- Python, Swift, Dart
- Kafka, Ruby, C++
- DevOps, UI/UX, TypeScript

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 minize latency using Kafka, Python, and parallelism,
- Architected a self-service file-transfer Lambda pipeline stream to accelerate data onboarding.

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.

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

RELEVANT COURSEWORK:
- Parallel Programming
- Deep Learning
- Foundations of Artificial Intelligence

LEADERSHIP:

Technical Interview Mentor   CodePath, *Remote*   May 2022 – August 2022
- Coached 3 students algorithm implementation and discussion through 8 mock interviews