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:

Applications Developer   Oracle, *Belmont, CA*   April 2024 – Present
- Created reusable components to unify the UI for our org's reporting web applications
- Decreased application attack surface by upgrading Python applications to latest version
- Launched web application built with Typescript with Python API for DevOps reports,

Software Engineer   Amazon, *Los Angeles, CA*   August 2022 – April 2024
- Built React application to onboard many datasets at once, reducing registration time by 10x,
- 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,
- Accelerated file transfers by architecting a self-service data registration and streaming pipeline.

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.

Nat. Sec. 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

EDUCATION:

University of Southern California, *Los Angeles, CA*   Expected May 2025   .
- M.S. in Computer Science for Artificial Intelligence