

Basic Information

Name: Ben Radler

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Resume PDF: [link](#)

Summary:

Senior Software Engineer with 13 years of experience in full stack software development, with a recent emphasis building end to end testing and load testing platforms. Track record of driving complex technical initiatives to completion.

Work Experience

Cruise

Senior Software Engineer II - Dispatch, Test Platforms

March 2023 - Present

AV-Bots

- Developed a platform to emulate Autonomous Vehicles, eliminating the need for physical vehicles during testing. This enabled Product Engineering to shift testing left, improving reliability and reducing validation cycles.
- Over 1 million AVBot instances launched since 2023, with full adoption across Product Engineering.

Virtual AV

- Led the Virtual AV initiative to implement high-fidelity test vehicle “bots” running the Autonomous Vehicle software stack in testing.
- Reduced reliance on physical vehicles and enabled simultaneous end-to-end testing of cloud services, the mobile ridehail app, and in-car experience tablets.

Automated Test Gating

- Built backend support for automated deployment gating from staging to production based on test results.
- Integrated this feature for 5 pilot services and helped transition over 20 cloud services to use automated gating.

Load Testing & Continuous Testing

- Standardized Cruise-wide load and continuous testing with Grafana K6, supporting scaling to over 2,000 concurrent autonomous vehicles.

- Unified testing for key services (dispatch, delivery, fleet, and remote assistance), replacing bespoke approaches with a shared repository.

Lyft

Senior Software Engineer II - Rentals, Test Platforms

April 2017 - November 2022

SimulatedRides ([blog](#))

- Tech Lead on Simulation Platform and Reliability Teams, focusing on performance projects.
- Developed Simulatedrides platform for load testing, driving production traffic up to 7000 ride completions per minute.

Acceptance Test Framework ([blog](#))

- Created centralized "Acceptance Test Framework" for reliable end-to-end tests, running thousands of tests in parallel across Lyft services. Gates deployments into production. Contributed to 10% decrease MoM in reported incidents on involved services.

Rentals

- Integrated machine learning model with onboarding funnel to ensure we select the highest quality applicants as vehicle renters. Led to ~25% increase in returning renters from 2017-2018.

Teespring.com

Engineering Manager, Tech Lead

September 2015 - March 2017

- Led a 6-person engineering team for the Commerce team.
- Architected Teespring Storefronts product, used by online influencers.
- Implemented Rush My Order feature, resulting in a 5000 units/day increase in sales.
- Built Print Partner API for expanded merchandise categories.
- Worked on Shopping Cart, increasing daily gross merchandise value and basket size.
- Implemented Split Jobs, allowing multiple fulfillment partners per order.
- Led engineering efficiency efforts, including improving CI speed and reducing flaky tests.

Additional Information

Education:

University of California, Irvine

Business Management, Film and Digital Media

Published Articles:

[Lyft Engineering Blog - Acceptance Testing Framework](#)

[Lyft Engineering Blog - Simulatedrides Load Testing](#)

[Building a custom LED Lighting system](#)

Skills:

- Full-stack software development
- Python, Javascript, Typescript, Ruby, Golang
- ReactJS, TailwindCSS
- Load Testing, End-to-End Testing
- AWS, GCP, Docker, Kubernetes
- Leadership & Management experience