

# Nicole Bailey

📍 Chicago, IL

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## Profile

Hi, I'm Nicole!

I'm a software engineer coming from the warehouse logistics industry where I built new platforms for real-world, tangible scenarios; and before that, I wrote a framework for devops engineers to troubleshoot distributed cloud systems. I've mentored members across multiple teams on performance and style choicing, and I've led workshops for wider audiences on code quality and aesthetic that have led to clear, evident improvements in Developer Experience.

In my next role, I'm looking to create positive impact by championing new features on cross-team projects to really focus on growing my leadership abilities.

## Engineering Experience

**Software Development Engineer II, Flexe Inc.** [🔗](#)

12/2021 – 03/2024 | Remote

Flexe is a software startup that creates solutions to physical logistics infrastructure demands.

Valuated as a Startup Unicorn in 2022 [🔗](#), Flexe creates first-in-class flexible warehousing infrastructure to meet companies' needs.

- **Project Leadership:** Designed, proposed, & orchestrated cross-team implementation for a new mobile label printing solution that eliminated a handshaking problem and enabled new customer acquisition
- **Operational Excellence:** Established SOPs around our mobile release strategy that improved accountability, enabled hotfixes, and reduced disruptive rollbacks by over 85%
- **Work Together:** Headed quarterly Developer Experience meetings, driving actionable results to regularly score ~20% higher team satisfaction compared to org-wide average
- **Continued Learning:** Led biweekly skills development meetings to deepen team efficacy in our primary tech stack, helping the team write better-tested code with fewer code regressions
- **Make It Better:** Collaborated cross-team to implement a mobile testing harness that cut deployment testing cycles from 2 weeks to 1 day and reduced menial overhead between 0.5-0.75 FTE

**Co-Creator, Software Engineer, Retrospect** [🔗](#)

2021 | Remote

Retrospect ([retrospecthq.com](https://retrospecthq.com) [🔗](#)) is an open-source, full-stack observability tool combining back-end tracing and front-end session replay tools to allow developers to easily debug distributed systems.

- Designed & Implemented NoSQL schema for Apache Cassandra DB storage cluster
- Created the Golang API server to collate front-end Events & back-end Traces and store them in the database
- Added functional testing suite for API server infrastructure via Python/PyTest
- Instrumented back-end Node.JS service using OpenTelemetry
- Dockerized infrastructure services for easier deployment
- Co-Authorred the Retrospect case study [🔗](#)

## Skills

### Languages

Ruby/Rails, Python, Golang, Node.JS, SQL

### Cloud

Google Cloud/GCP, Digital Ocean, Heroku

### AI & LLMs

OpenAI, LangChain, Llama LLMs, Vector Storage

### Technologies

Git, Docker, PostgreSQL, MongoDB, Vector Storage

### Books I Like

*Radical Candor*, by Kim Scott


*Atlas of AI*, by Kate Crawford

*Point and Line to Plane*, by Wassily Kandinsky

*Oh, the Places You'll Go!*, by Dr. Seuss

## Education

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**Launch School, *Software Engineering Capstone*** 

2020 – 2021

A mastery-based multi-year full-stack software engineering education program with emphasis on core fundamentals, requirements-gathering, problem analysis, analytical thinking, and solution presentation.