

Ashrita Raman

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PROFESSIONAL EXPERIENCE

Datadog, New York, NY

Apr 2025 – Present

Software Engineer II:

- Design and build internal release orchestration systems and registry systems that let Datadog engineers safely deploy code and infrastructure across many datacenters using a unified, API-driven platform.
- Partner with platform and product teams to introduce safer rollout strategies, automated gates, and declarative configuration to reduce deployment risk, operational toil, and time-to-production.
- Participate in primary and secondary on-call shifts, supporting internal users with deployment and configuration issues and translating recurring support needs into product and documentation improvements.

Blackrock, New York, NY

Aug 2021 – Mar 2025

Software Engineer II - Associate:

- Aladdin Research: August 2023-Mar 2025:
 - Used Java, Angular and Typescript to develop a web application used by equity analysts and portfolio managers to publish research notes
 - Integrated OpenAI APIs to perform summarization on research notes and PDF attachments to streamline research for analysts, resulting in a 20% reduction in time spent reading notes and a 15% increase in analyst productivity
 - Migrated a distributed application leveraging H5, Parquet, and Postgres into a centralized Snowflake environment, including backend migration (Python) and frontend redesign (React). Configured CI/CD pipelines for pre-production releases and delivered end-to-end workflow demos to senior stakeholders.

Software Engineer I - Analyst (participated in the 2 year rotational program for new graduates):

- Trading: Feb 2023-August 2023
 - Leveraged GraphQL and Java to integrate fixed income workflows within the trading ecosystem
 - Designed scenarios to simulate FIX messages for testing FIX connectivity with Tradeweb
- Aladdin Studio: Aug 2022-Feb 2023
 - Worked with a platform built on top of Kubernetes and Go that enables developers to test and deploy web apps
 - Integrated prometheus within the application to monitor container resource limits and CPU/memory usage
- Aladdin Research: Feb 2022-August 2022
 - Developed microfrontends using the single-spa framework, tailoring the research workflow to meet the specific needs of investment analysts
- Reconciliation: Aug 2021-Feb 2022
 - Led efforts to replace a legacy C server that handles cash flows with a Java server using Spring Boot and Hibernate
 - Tested the server on 100+ threads and 10000+ iterations and significantly improved performance time by 87.3%

mayk.it, Remote

Jan 2021 – May 2021

iOS Engineering Intern

- Worked with a team of 5 developers to build an app that democratizes music
- Used the RxSwift framework to implement sign in and invite flows
- Implemented LKFS audio normalization using the AVFoundation library and fixed over 40 bugs in UI and audio

EDUCATION

Cornell University, Arts and Sciences, Ithaca, NY

Aug 2017 – Dec 2020

B. A — Major: Computer science / Minors: Music, linguistics

Cumulative GPA: 3.6/4.0

TECHNICAL SKILLS

Platform engineering: Go, Temporal, Cassandra, Azure, AWS, Snowflake, Kubernetes, Docker, GraphQL, YAML, Datadog, Grafana, Prometheus, Redis

Web/app development: Java, Python, Swift, HTML/CSS, Sass, JavaScript, Bootstrap, React, React Native, Angular, TypeScript, Jest, NgRx, Spring Boot

Certifications: Microsoft Certified: Azure Fundamentals (*issued Feb 2022*), Azure AI Fundamentals (*issued Feb 2024*)

Courses: Practical applications of LLMs, Prompt engineering with Generative AI