# Aniraj Kesavan

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Experience scaling systems at superlative organisations. Looking for unlearning, relearning and new learnings.

Areas of Interest

- Distributed Systems, Databases, Observability
- AWS, Docker, K8s
- Java, Golang, Python, C++

## Work Experience

2022-Present
Salesforce
*Lead Member of Technical Staff*
San Francisco, CA, USA and Bengaluru,India since 2024
Working on a planet scale Metrics and Alerting Platform. Helped rearchitect the metric ingestion platform from 99.9 to 99.99 availability. Led the migration for storage tier from a single region to geo-distributed architecture.

2017-2022
Linkedin
*Senior Software Engineer*
Sunnyvale, CA, USA
Led Metadata storage for the monitoring platform dealing with tens of billions of strings. Contributed to the massively distributed time series database developed in house. Worked on an agent based health checking solutions with millions of QPS.

2015-2017
University of Utah
*Graduate Research Assistant*
Salt Lake City, UT, USA
Published author on fast network transfers for in-memory databases.

2013-2015
DreamWorks Animation
*RD Engineer, Production Pipeline*
Bengaluru, India
Developed features for the production pipeline for animated Feature Films. Got my name on some movie credits.

2012-2013
Zynga
*Associate Software Engineer*
Bengaluru, India
Worked in the team that developed zBase at Zynga (membase clone).

Updated: 10th December 2024

## Education

2017 **Computer Science**, Master of Science
*University of Utah*, Salt Lake City, UT, USA

2012 **Computer Science & Engineering**, Bachelor of Technology
*Govt. Model Engineering College*, Cochin, India

## Publications

2017 **Rocksteady: Fast Migration for Low-latency In-memory Storage**
*SOSP '17: Proceedings of the 26th Symposium on Operating Systems Principles*
*Chinmay Kulkarni, Aniraj Kesavan, Tian Zhang, Robert Ricci, Ryan Stutsman*

2017 **MAKING LARGE TRANSFERS FAST FOR IN-MEMORY DATABASES IN MODERN NETWORKS**
*Master's thesis submitted at School of Computing, University of Utah*
*Aniraj Kesavan*

2017 **Beyond Simple Request Processing with RAMCloud**
*Bulletin of the Technical Committee on Data Engineering, IEEE Computer Society*
*Chinmay Kulkarni, Aniraj Kesavan, Robert Ricci, Ryan Stutsman*

2016 **To Copy or Not to Copy: Making In-Memory Databases Fast on Modern NICs**
*Proceedings of the Fourth International Workshop on In-Memory Data Management and Analytics (IMDM) 2016 at VLDB 2016, New Delhi, India.*
*Aniraj Kesavan, Ryan Stutsman, Robert Ricci*

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