
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).

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