

SRIRAMKUMAR (RAM) BALASUBRAMANIAN

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PROFESSIONAL SUMMARY

Staff Software Engineer with 12+ years of experience leading large-scale engineering teams and founding critical database infrastructure initiatives at Google, Meta, and Columbia University. Deep expertise in order management systems, database infrastructure, and applied machine learning. Proven track record of improving system performance, reducing latency, and delivering complex cross-functional (xFn) initiatives at scale.

PROFESSIONAL EXPERIENCE

Google Inc. - Staff Software Engineer Kirkland, WA | April 2022 - Present

- Spearhead the Promotions and Trade-in engineering team for the Google Store, providing technical leadership and strategic direction.
- Founded the Database Council to optimize read/write and query performance across all Google Store domains, significantly reducing serving latency and improving system scalability.

TextIQ Inc. (acquired by Relativity LLC) - Staff Software Engineer Remote | May 2021 - April 2022

- Orchestrated CI/CD maturity initiatives and instituted a standardized design review process, enhancing product resiliency while streamlining engineering workflows.

Google Inc. - Senior Software Engineer Mountain View, CA | June 2016 - May 2021

- Served as Tech Lead for order management and database infrastructure, mentoring a team of 10+ engineers and driving cross-functional collaborations to optimize inventory and launch Omni-channel integrations.

Facebook Inc. - Software Engineer Menlo Park, CA | August 2014 - June 2016

- Architected scalable friend recommendation features and engineered MapReduce/visualization pipelines, measurably improving user engagement and feature identification efficiency.

Columbia University - Staff Associate New York, NY | January 2014 - July 2014

- Architected and implemented a high-performance ontological database, developing an automated ML/NLP pipeline to drive semantic data enrichment from scientific literature.

EDUCATION

Columbia University, New York, NY December 2013
Master's in Computer Science | GPA: 4.17/4.0

Nanyang Technological University, Singapore June 2012
Bachelor's in Computer Science (First Class Honors) | GPA: 4.73/5.0
Awards: Dean's List (2009-2012); President's Research Scholar (2010)

PUBLICATIONS

- Key female characters in film have more to talk about besides men: Automating the Bechdel test. Proceedings of the 2015 Conference of the NAACL: HLT, 2015.
- Parsing screenplays for extracting social networks from movies. Proceedings of the Workshop on Computational Linguistics for Literature, 2014.
- Frame semantic tree kernels for social network extraction from text. Proceedings of the 14th Conference of the European Chapter of the ACL, 2014.
- Using determinantal point processes for clustering with application to automatically generating and drawing xkcd movie narrative charts. Proceedings of the 2014 Conference on EMNLP, 2014.