Rishik Dhar

Summary
Seasoned technologist and Data Leader looking for challenges of at-scale software development and building high performance teams. Advocate of Data Driven decision making and prioritization against organizational KPIs. Specialist in Data Science, Engineering and Analytics product teams for nearly 10 years. Built and leveled up high performance engineering teams with empathy and accountability through validated learning and innovation accounting.

Personal Information

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Experience

Director, Data Engineering, **FLYR** - San Francisco, CA — 2018–Present
- Head of Data Engineering - Leading team responsible for Master Data Management, Data Warehouse Architecture, ETL Processes, Pipeline Design, Data Quality Standards, Standardized Data Model, Customer Implementations Playbook and Vendor Management and On-boarding Process.
- Responsible for the delivery of $1.5M annual license product - Cloud based Data Warehouse and Data Platform.
- Provided operational oversight to a distributed team of data engineers across three continents with a department budget of $750K
- Drove strategy for a New Product Introduction (NPI) and contributed to existing product realignment strategy.

Principal Data Engineer, **Target** - Sunnyvale, CA — 2014-2018
- Bootstrapped Data Science and Engineering Center of Excellence at Target, with the initial delivery of Personalized Recommendations capability, making $2M attributable demand in the first year, growing up to $200M over the next four years.
- Drove innovation through Data Engineering infrastructure and architecture prototype for running Reinforcement Learning at scale.

  Awards: VP Award of Excellence (2016), SVP Award of Excellence (2017)

- Provided operational oversight to the transition from Private Cloud to AWS and Google Cloud.
- Advised the architects responsible for building an API Backend with 30ms Latency at 95th.
- Managed teams responsible for productivity tools for Data Management, Deployment Management and Applied Data Science.
- Coached and mentored Data Science and Engineering Teams on establishing operational cadence for production grade software deliverables.

Sr. Development Engineer, **Hitachi Data Systems** - Santa Clara, CA — 2011-2014
- Delivered Command Director - Storage Configuration and Analytics Management Suite with the initial annual revenue of $8M, sold to Hitachi Storage Area Network customers.
- Product continues to make $25M in annual license revenue even 6 years after the active development has stopped.

  Awards: RUBY Award for Outstanding leadership & contributions across a number of projects. (2014)

- Established collaborative engineering practices, log data analytics using Statistical Methods and UX design forum.
- Organized "Unconference" style Design and Engineering cross-pollination forum for building next-gen products.

Lead SDK Architect, **Playfirst Inc.**, San Francisco, CA — 2010-2011
Leading the Social Platform team for building the architecture, SDK and developing best practices for social games.

Lead Architect, **DemandTec (now IBM)**, San Mateo, CA — 2010-2010
DemandTec's Platform Engineering team building the Java/Flex technology stack.

Principal Engineer, **Pramati Technologies**, Mountain View, CA — 2004-2009
Worked in J2EE Product Services Division as a Principal Engineer

Leadership & Management

- Engineering Teams
- Customer Engagement
- Product Design and Delivery
- KPI Driven Prioritization
- Data Science and Engineering
- Cloud Based Services and Products
- Coaching and Talent Management

Domains & Specializations

- Retail & Personalization
- Operations & Reporting
- Supply Chain & Optimization
- Storage & Analytics
- Healthcare & Recommendations

Technology Expertise

- Streaming Data Processing
- Data Mining
- Machine Learning
- Distributed Computing
- High Performance Computing
- Optimization and Simulation
- Algorithms and Data Structures
- Java, Python, Spark, Map Reduce
- AWS and Google Cloud DevOps

Education

M.S. - Electrical and Computer Engineering - **Carnegie Mellon University** – May 2015

B.E. - Computer Science and Engineering - **Amravati University**, Jun – 2001