Brian Bagdasarian

Software Architect, Platform & Data Engineer

📍 Los Angeles, CA

in bbagdasarian

○ ahappypie

Summary

I'm a systems designer, platform builder, and process improver. I've led transformation and construction of large scale data systems, internal developer platforms, and order-of-magnitude process efficiency increases.

Education

New York University   September 2013 - December 2016

Gallatin School of Individualized Study, BA in Data Driven Decision Making

Courant Institute of Mathematics, Joint Minor in Computer Science & Mathematics

Experience

Amberdata   July 2024 - Present
Senior Data Platform Engineer

Decreased alerts and incidents upwards of 80% by analyzing continuous profiling of key backend services.

Provided architectural guidance to teams working on dozens of pipelines and petabytes of data.

Improved developer platform to increase product velocity from weekly to multiple times per day without violating SLAs.

Cosm   September 2022 - June 2024
Lead Platform Engineer

Built and managed the fully-remote developer platform used by Cosm's global software team and in development of all Cosm products. Responsible for improvements that assisted a 10x increase in users with a modest, sublinear increase in cost.

Designed infrastructure as code framework that scaled to manage multiple orders of magnitude more resources and increased development velocity, allowing the organization to deploy production infrastructure changes multiple times per day.

Led all Data Team activities, including interfacing with 3rd party vendors and integrating critical data sources to create a single source of truth for all departments at Cosm.

Participated in Cosm's internship program as a manager in multiple cohorts, mentoring and training engineers, including converting an intern to a full time engineer at the conclusion of the program.

Cosm   September 2021 - September 2022
Senior Data Engineer

Built data platform for new immersive entertainment venues by gathering requirements and involving stakeholders at every stage of development.

Nativo   January 2020 - September 2021
Big Data Engineer

Engineered next generation streaming data architecture to meet the analytics product SLA by reducing metric arrival latency from hours to minutes, while increasing data volume 100% and reducing pipeline cost 20%.

Optimized data warehousing infrastructure, increasing typical query performance 20% and reducing cost 40%.

Regent   June 2018 - December 2019
Data Engineer

Designed and built a shared services data platform, greatly increasing the speed at which new acquisitions could be onboarded, a critical metric of restoring companies to profitability.

Planned and executed retail software platform migration across 800+ locations, resulting in an 80% decrease in certain day to day management tasks compared to the previous solution.

FIJI Water   April 2017 - May 2018
Data Engineer

Architected and built FIJI Water's first automated data pipeline and business intelligence platform, saving 600+ hours each week on ad hoc depletions reporting and competitive set analysis.

Led trainings for the nationwide sales team, focused on self service business intelligence, allowing representatives on demand access to verified reports and analysis across desktop and mobile environments.