

Revolutionary Technical Executive Dedicated to Transforming Businesses with Big Data Analytics

“Information is the oil of the 21st century, and analytics is the combustion engine.” – Peter Sondergaard

Remarkable track record of leveraging resources to meet diverse business demands and deliver world-class big data solutions for Fortune 500 companies. Valued by diverse organizations for radically improving operational efficiency, profitability, and customer service by introducing game-changing predictive analytics. Expert at managing full lifecycle of complex global implementations. Extensive success in the training, motivation, and leadership of the tech industry’s brightest new stars.

**Increased All Big Data Category Sales by 26%+ | Turned Around Underperforming IT Operations
Drove \$42M Production Boost | Led Team of 110+ IT Experts | Earned Master’s Degree from MIT**

competencies

- Global Enterprise Solutions
- Data Science & Analytics
- Team Building & Inspiration
- Staff Management & Training
- Natural Language Processing
- C-Suite Engagement
- Cloud Computing
- Predictive Analytics
- Algorithms & Metrics
- Internet of Things (IoT)
- Emerging Trends & Technologies
- Software as a Service (SAAS)
- Proof of Concept (POC) Design
- Structured & Unstructured Data Solutions
- Biometrics & Behavior Analysis

Key Tools Used: Hadoop, HANA, Big Table, Cassandra, Amazon Web Services, Google App Engine

career progress

DATA MASTERS, San Francisco, CA, 2015 to Present

Startup company that has transformed 3,200 global corporations with big data services/solutions since 2015.

Co-Founder / Chief Solutions Officer

Empower diverse companies to become data-driven powerhouses by convincing them to fully adopt big data analytics throughout all area of their businesses. Educate C-level stakeholders on advantages of using big data analytics and develop convincing POCs that demonstrate tangible benefits, even during initial testing phases. Lead and motivate team of 16 future-thinking big data experts to create revolutionary technical solutions that consistently exceed the expectations of even the most ambitious client organizations.

Developed service innovations that led to incredible business gains. Increased information management systems sales 53.3%, cloud-based platforms 46.7%, open-source software 33.3%, and big data analytics 26.7%.



Designed insightful and scalable enterprise plans that empowered organizations to better adapt to ever-changing trends and disruptive innovations.

Notable Business Transformations:

- **Boosted sales 186% for e-commerce company** by implementing real-time purchase recommendation capabilities that convinced consumers to buy more products and subscribe to the website.
- **Grew year-over-year revenue by 19% for national hotel chain** after introducing predictive models to better forecast demand and strategize prices.
- **Enabled ABC Airlines to improve customer service ratings 15%.** Used big data analytics to identify/solve customer pain points regarding lost baggage, prompting development of the new “Track My Bag” mobile app.
- **Positioned hospital system to save more lives and greatly enhance patient care.** Allowed client to leverage big data insights from a wide range of analytical platforms in order to better inform chronic disease treatment plans.

GLOBAL TRAINING CORPORATION, San Francisco, CA, 2010 to 2015

Billion-dollar subsidiary of ABC Incorporated with 3,800 employees serving 1+ million learners in 120+ countries.

Executive Director of Information Technology

Directed organization of 110+ IT professionals, inspiring cross-functional teams to peak performance levels. Significantly improved application development, network engineering, datacenter operations, desktop management, information security, and solutions innovation. Spearheaded initiatives that greatly enhanced customer experiences and supported global training organization by sharing best IT practices to 3,800 employees worldwide. Controlled \$25 million P&L.



Turned around underperforming operations enterprise-wide by completely restructuring the entire IT organization. Deployed high-impact digital and data strategies.

Notable Business Transformations:

- **Grew application development team 45%, adding 26 positions without additional spending**, by replacing long-term contractors with full-time employees. Recruited top talent to leverage advanced data science expertise.
- **Created valuable customer feedback loop** that empowered trainers to continually improve services. Developed proprietary algorithmic measurement to better track student training performance.
- **Designed mobile application and added features to gain critical customer insight**. Extended classroom training opportunities through mobile phones and tablets to enhance virtual learning experiences.
- **Advanced research and development (R&D) capabilities** by forming partnership with Massachusetts Institute of Technology (MIT). Created MIT classroom projects that benefited students and the company alike.

ACME AUTOMATION, Boston, MA, 2007 to 2010

Manufacturer of systems used to automate retail/manufacturing operations for customers around the world.

Director of Information Technology

Administered \$19 million budget and directed 17 IT leaders who ensured exceptional support to 780+ databases and global operations. Designed architecture for online applications, built data warehouse, and introduced effective database migration methods. Recommended technologies and implementation strategies to the CIO.



Identified and capitalized on new methods to reduce downtime, enhance systems security, improve data recoverability, and increase data throughput.

Notable Business Transformations:

- **Solidified cloud strategy**, transitioning systems from an on-site datacenter to a private, cloud-blending hosted infrastructure. Leveraged infrastructure as a service (IaaS) from leading datacenter and cloud provider.
- **Spurred \$42 million in additional production output**, and reduced quarterly downtime by 280+ hours, after designing and deploying new database architecture.
- **Brought network uptime from 88% to 99.6%** within 8 months of consolidating servers, and virtually eliminated downtime 6 months later after auditing systems.
- **Led all IT employees to earn certifications** in Oracle, Microsoft, Sybase, and IBM by instituting robust internal skillset expansion programs and producing detailed training materials.

Past success as Manager of Database Architecture and Administration at Boston University.

education**MASSACHUSETTS INSTITUTE OF TECHNOLOGY (MIT), Cambridge, MA**

Master of Science in Computer Science / Bachelor of Science in Computer Science