JUAN DIEGO TORRES
DATA MANAGEMENT AND SOFTWARE ENGINEERING MANAGER

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PROFILE

Accomplished Data Processing Architect and Software Engineering Manager with over 15 years of experience in technological innovation. Proven track record of leading global data and software engineering teams to develop scalable, enterprise-level web-based applications. Expertise in designing centralized data platforms and navigating complex technical challenges to deliver critical data-driven business solutions. Success in software development and architecture design stems from a blend of strong interpersonal skills, comprehensive knowledge of the Software Development Life Cycle (SDLC), Scrum-Agile methodologies, and distributed system design. Demonstrated technical leadership in applying data governance best practices and a commitment to mentoring high-performing teams.

CAREER HIGHLIGHTS

Architected Advanced Data Management Solutions: Designed and developed a cutting-edge data management platform and integrated advanced data download technology, processing over 3 million real estate listings daily. Enhanced operational efficiency, simplified ETL processes, and significantly improved data-driven decision-making.

Proven Leadership in Global Data Management: Led a global data processing team, fostering innovation, adaptability, and collaboration. Implemented advanced data processing techniques and mentored developers, enhancing team performance and achieving high data accuracy and consistency.

Enterprise Software Applications: Engineered comprehensive data strategies that seamlessly align with and enhance the e-commerce real estate strategies of the company's core enterprise solutions, driving innovation and efficiency in software application performance and delivery.

Strategic Advisor to Stakeholders: Acted as a trusted advisor to Product Development, Client Services, Executive Management, Sales, and Finance. Provided strategic insights, collaborated on roadmap strategies, and delivered critical data solutions driving business growth and success.

Experienced Entrepreneur and Innovator: Built and exited two start-ups by leveraging emerging technologies and identifying market opportunities. Demonstrated entrepreneurial acumen and technical prowess to create and scale innovative business solutions.

PROFESSIONAL EXPERIENCE

PANTHERINSIGHTS.COM   JANUARY 2023 TO PRESENT
DATA AND SOFTWARE SOLUTIONS SPECIALIST

- **Develop and deploy cutting-edge data and web solutions,** utilizing Azure Cloud and generative AI, tailored to client requirements and industry best practices, consistently exceeding project goals.
- **Deliver strategic insights and actionable recommendations** that drive client success and informed decision-making.
- **Actively contribute to prompt evaluation initiatives for AI Large Language Models**, rigorously testing and refining input language structures to enhance output quality, accuracy, and human-like responses across diverse use cases.

GABRIELS TECHNOLOGY SOLUTIONS   AUGUST 2011 TO JANUARY 2023
SENIOR DATA MANAGER, REAL ESTATE PRODUCTS

- **Management and Leadership:** Directly led a high-performing team of 25+ data analysts across New York and India to design and develop data processing applications using Agile-Scrum principles, full-stack, distributed systems, RDBMS, and advanced SQL. Utilized DataOps methodologies across all areas of operations to ensure efficient and effective processes.

AREAS OF EXPERTISE

DataOps
Global Software Team Management
Technical Leadership
Data Platform Development
System Scalability
Data Performance Optimization
Strategic Planning
Data-Driven Decision Making
Generative AI Model Testing
Cloud Solutions (Azure)
Full-Stack Development
Distributed Systems
Advanced Data Ingestion (ETL/ELT)
Data Governance
Data Warehousing
Metadata
Taxonomy
CRM Databases
RESTful API Development
Software Development Life Cycle
Data Analysis / Quality
Centralized Data Processing
Open-Source Software Development
Agile-Scrum methodologies
RDBMS

DEVELOPMENT TOOLS

Azure Cloud
SQL Server
SQL Integration Services
Elastic Elasticsearch
Oracle Endeca Server
Pentaho Data Integration
MySQL
Visual Studio
JIRA
Confluence

PROGRAMMING LANGUAGES

T-SQL
C#
.Net Framework
ASP.Net

- **Data Performance:** Reduced data processing times while efficiently handling over 3M listings through strategic data planning, network optimization, traffic analysis, and continuous system monitoring. Continuously improved processes to maintain optimal performance and scalability.

- **Data Integrity:** Achieved near-zero data loss and zero downtime by implementing robust ETL standardization and automated validation processes. Ensured high data completeness, accuracy, consistency, and validity, pivotal components of our DataOps strategy. These measures significantly enhanced data reliability and integrity, supporting critical business operations and decision-making.

- **Global Team Management:** Reduced data operating costs and enhanced client SLAs and data QA practices by leading a multi-year global restructuring strategy and fostering cross-office collaboration between teams in New York and India.

- **Multi-Platform Development:** Reengineered the data processing platform to run on Linux and Windows, reducing software licensing costs and enhancing developers' technical skills, ensuring flexibility and long term DataOps strategy for the data team.

- **Data Processing Development:** Ensured extensibility and scalability of the data platform by integrating present and future internal and client-facing requirements within the SDLC process, aligning with DataOps practices.

- **Stakeholder Management:** Facilitated cross-team collaboration from SaaS, CRM, Finance, Client Services, and Data teams to identify data requirements, define development functionality, and deliver critical projects.

- **Team Culture:** Built a highly collaborative team culture, encouraging innovation, adaptability, peer mentoring, and effective communication, fostering a DataOps-centric environment and product ownership.

DATA MANAGER, REAL ESTATE PRODUCTS |APRIL 2008 – JULY 2011
DATA ANALYST, REAL ESTATE PRODUCTS | AUGUST 2006 – MARCH 2008

ENTREPRENEURIAL EXPERIENCE

MYSICKTATTOS | FOUNDER | FEBRUARY 2014 – AUGUST 2022

- Grew MySickTattoos from under 100 to over 530,000 followers on Facebook through organic and paid digital marketing strategies.
- Achieved substantial growth and engagement via strategic acquisitions and community-building initiatives.
- Successfully sold the company to an advertising firm in 2022, demonstrating significant market value and impact.

TRIBALS.COM | CO-FOUNDER | NOVEMBER 1999 – SEPTEMBER 2005

- Developed Tribals.com into the largest body art community portal, ranking in the top 3 Google search results and within the top 90,000 most popular websites globally.
- Led platform development and design, implementing innovative web technologies and enhancing user experience.
- Sold the company to an advertising firm in 2005, showcasing the ability to identify market opportunities and build valuable digital properties.

ADO.Net
PHP
XML
DMQL2
RETS
RESO Web API
RESTful API

GEOSPATIAL TOOLS
Google Geocoding
Melissa Geocoding
Location Shapefiles

SOCIAL MEDIA TOOLS
Hootsuite
Planoly
Sprout Social
Meta Business Suite
Google AdSense
Google Analytics

CONTENT MANAGEMENT SYSTEMS
WIX
Shopify
WordPress
Joomla!

INTERESTS AND HOBBIES
Early Riser
Weightlifting
Reading
Entrepreneurship
Acoustic & Electric Guitar Playing

RECENTLY READ BOOKS
1. **The Brain That Changes Itself** by Norman Doidge M.D.
2. **The Bitcoin Standard** by Saifedean Ammous
3. **Meditations** by Marcus Aurelius
4. **Ready Player One** by Ernest Cline

EDUCATION
B.S. Computer Science, Syracuse University. Syracuse, New York.