Christopher A. Rotunno

Business Strategist, SaaS Developer, Big Data Practitioner
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PROFESSIONAL SUMMARY

Web-focused **Data Solutions Orchestrator** with a business strategist's mindset specializing in containerized, distributed web applications. I architect end-to-end systems using PySpark, Docker, and Node.js to automate data workflows, deliver insights, and drive disruptive innovation at scale.

SKILLS

- Deliver fast insights by automating ingestion and modeling pipelines
- Build aesthetically pleasing BI dashboards for visual storytelling
- Align data initiatives with business and corporate strategy
- Design and automate professional data ingestion and delivery pipelines
- Deploy web browser applications with rapid development
- Implement advanced ML/AI models and experimental design tests
- Lead/support analytics and product teams with proven expertise
- Lead/organize project initiatives efficiently

EXPERIENCE

Data Analyst—Global Markets | AE Global Solutions Inc. (DBA Socrates Platform) (February 2018 – November 2021)

- Built and managed C# programs for data ingestion, enhancing data quality for 12K+ global subscribers.
- Controlled ETL processes in ASP.NET, optimizing the integration of datasets from MongoDB, Reuters, and S&P.
- Managed capital markets data pipelines, enabling $100K in monthly subscription revenue.

Data Quality Analyst—US Markets | Intrinio Inc. (May 2017 – November 2017)

- Spearheaded the NLP initiative under CFO guidance to accurately classify XBRL tags into financial statement line-items, enhancing data quality by 40%.
- Automated error detection, reducing manual workload by 80%, enhancing financial reporting accuracy across 10-K, 10-Q, 8-K, and 8-Q earnings statements.

Data Analytics Intern—Consumer Lending | Wells Fargo (June 2016 – August 2016)

- Automated underwriting processes with SQL Server and decision trees, reducing application volume and review time per underwriter, cutting labor costs.
- Processed 400K+ monthly credit card applications, coordinating efforts across multiple departments within Consumer Financial Services.

PROJECTS

Root Labs, LLC | https://rootlabs.tech/ | (May 2022 - Present)

- Designed, deployed, and managed a Linux-based cloud platform using Docker Engine, Docker Swarm, PostgreSQL, and JupyterLab, building a scalable, secure, and production-grade data analytics environment.

Chris Blogs | https://chrisblogs.dev/ | (July 2017 - Present)

- Built and maintained a static web application showcasing my portfolio and personal tech blog, demonstrating my evolution in web development.

Nashville ML In Python Meetup Group | https://www.meetup.com/nashville-ml-in-py-meetup-group/ | (Feb 2025 – April 2025)

- Initiated and sustained a successful Python ML community, running hands-on coding sessions to reinforce personal learning and support others in mastering core data science and machine learning workflows.

EDUCATION

Master of Business Administration in Music Business | Middle Tennessee State University

- Developed leadership in strategic business management, finance, marketing, and operations within music production, recording, and live entertainment.

Master of Sciences in Business Analytics (Software and Data Engineering Focus) | University of Colorado Boulder

- Applied descriptive, predictive, and prescriptive analytics to structured and unstructured data for marketing, customer retention, pricing, segmentation, and promotion, leveraging Python, R, Big Query, Tableau, and Spark.

Bachelor of Sciences in Operations and Information Management | University of Colorado Boulder

- Awarded 1st place in business plan competition for developing a SaaS solution.