

DYLAN ROY

Expert leadership in innovative data platforms

FIND ME ONLINE



GitHub

www.github.com/dylanroy



Website

dylanroy.com



LinkedIn

www.linkedin.com/in/dylan-roy

SUMMARY

Engineering leader with more than 10 years of experience developing, implementing, and supporting complex and innovative infrastructures. Started in the industry as a software engineer building award-winning platforms and transitioned into leadership to guide teams of engineers to do the same. Often a great driver for innovation and solutions that scale to an organizational level through platform solutions. Was a driver of the delivery of platforms that have generated multiple millions for organizations and had wide acclaim among its users.

KEY ACHIEVEMENTS

Global Leadership & Team Development

Successfully led and grew high-performing engineering teams spread across 5+ countries, demonstrating effective remote leadership skills.

Pioneer of Innovative Data Platforms

Conceptualized, designed, and launched multiple award-winning data platforms that significantly contributed to business growth and expansion. These platforms processed billions of records and terabytes of data daily, generating multiple millions in revenue.

Recognized for Excellence in Data Strategy

Received multiple accolades for innovative data solutions, including Stata Data Most Innovative Product, Google Cloud Partner Award for Innovative Solution, and Global BIGGIES Award for Excellence in Data Strategy.

Architect of Agile Growth Cultures

Promoted a fast-paced, learning-focused culture resulting in new team members pushing code on their first day. Ensured team development with each departing member advancing to a higher role or responsibility.

PROFESSIONAL EXPERIENCE

06/2022 - Present

New York, NY

Head of Data

Dynatron Software

- Design, staff, and execute the launch of the company's new data platform, enabling new business opportunities, advanced analytics, and AI implementations
- Propose and oversee the budget for the company's data portfolio
- Establish the strategic vision for the data portfolio and anticipate focus areas, in collaboration with the rest of the leadership team

11/2021 - 06/2022

New York, NY

VP, Data Engineering

Dow Jones

- Lead the Data Engineering department at Dow Jones, promoting the growth of its leadership and over 50 team members
- Establish the strategic vision for the department, and recruit and nurture the right talent to successfully implement this vision
- Manage and fine-tune budget allocations to support the achievement of company-wide objectives

01/2021 - 11/2021

Barcelona, Spain

Engineering Director, Personalization Platforms

Dow Jones

- Oversee three distinct teams responsible for delivering and developing five platforms, each with its own self-managed CI/CD across AWS and GCP
- Collaborate with various platform teams and brand divisions to enhance customer engagement across the Dow Jones platform
- Successfully launched and persistently expand a novel follow feature across six diverse brands

PROFESSIONAL EXPERIENCE

01/2019 - 01/2021

Barcelona, Spain

Senior Engineering Manager, Knowledge Graph Platform

Dow Jones

- Recruited a product and engineering team for a newly-established organization within the company, targeting a new market
- Cultivated strong relationships with key vendors, including GCP, AWS, and Wizeline, to guide feature development and maintain appropriate contractual investments
- Developed and sustained a platform utilized on a company-wide scale by Fortune 500 organizations

07/2017 - 01/2019

Minneapolis, MN

Engineering Manager, DNA Data Platform

Dow Jones

- Delivered an award-winning platform, recognized with accolades such as Strata Data Most Innovative Product, Google Cloud Partner Award for Innovative Solution, and Global BIGGIES Award for Excellence in Data Strategy
- Built a proficient team capable of handling feature development and DevOps with 2-3 full-time engineers
- Established a framework enabling the team to operate without a project manager, while maintaining productivity, surpassing expectations, and experiencing no turnover

02/2014 - 07/2017

Minneapolis, MN

Data Engineer, Data Science and Engineering

Dow Jones

- Contributed to the development of a platform with 2 - 3 other engineers that could filter and deliver over 30 years of news content from over 33k publishers totaling over 30 Terabytes in a matter of hours to its users
- Developed and owned 5+ data pipelines that surfaced essential metrics from Adobe Clickstream, Google DoubleClick, Apple & Google app stores used by numerous stakeholders
- Developed big data solutions across AWS and Google Cloud leveraging the strengths of both

09/2013 - 02/2014

Minneapolis, MN

Application Architect, Research & Development

Dow Jones

- Delivered a breaking news component to the WSJ.com website that was reused across a chat platform and our B2B platform called DJX
- Collaborated with team to create a secure chat platform (Later replaced by Slack)

09/2012 - 06/2013

Minneapolis, MN

Systems Developer, Production Systems

Japs-Olson Company

- Collaborated with a team of developers to update more than 10 production applications
- Created a new CMS system for the company to streamline and manage production workflows automatically

03/2012 - 09/2012

Duluth, MN

Technical Services Analyst, GIS Engineering

St. Louis County, Minnesota

- Played a vital role in developing a system to track transportation issues, which later earned the St. Louis County Flood Response & Recovery Recognition Award
- Successfully launched a new website for the county, which continues to be in use today

11/2007 - 07/2011

Ames, IA

Software Developer, GIS Engineering

Iowa Department of Transportation

- Developed a number of applications for Iowa DOT including being a key player in integrating the DOT CARS 511 system, traffic sensors and message boards into an interactive map environment
- Developed a resource tracking application that was used across the IDOT and the Army Core of Engineers to assist in flood recovery during historic flooding
- Worked with team to transition the GIS technologies from 2D to 3D and develop a real-time tracking system for the states snowplows

EDUCATION

2006 - 2011

Ames, Iowa

Bachelor of Science, Computer Engineering

Iowa State University of Science and Technology

TECHNICAL SKILLS

GCP	AWS	Terraform	Docker	Terraform	Python	Infrastructure	Azure	Github Actions	Git
Big Data Tech	Jenkins	NLP	Knowledge Graphs	RDMS	NoSQL	JavaScript	Kubernetes	Istio	
Scala	C#	TTS	STT	Twilio	GIS	Snowflake			