

Christopher Rogers

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SUMMARY

Enterprise AI & Data Platform Leader with 18+ years of experience scaling analytics, AI, and distributed platforms within Fortune 500 environments. Proven leader of global engineering teams delivering secure, high-performance AI infrastructure supporting 2,000+ users. Background includes enterprise AI enablement, open-source platform modernization, and support for fraud detection initiatives processing 143B+ transactions annually.

CORE SKILLS

AI / Data Platform Leadership • Platform Engineering • MLOps • Site Reliability Engineering (SRE)
Distributed Systems • Cloud & Big Data Architecture • DevOps & CI/CD • Data Governance & Security
Machine Learning Enablement • Global Team Leadership • Stakeholder Management

EXPERIENCE

Mastercard, Remote

2021–2026

Director, AI Center of Excellence / Platform Engineering

- Remotely led global team of 11 engineers across the US and India supporting enterprise AI platforms and 24/7 operational support
- Supported 2,000+ users in migrating 6,000 notebooks from legacy Data Science Workbench to Cloudera AI across a 1,000+ Linux server environment
- Achieved 99.9% service uptime through load balancing and high-availability platform design during enterprise migration efforts
- Led the migration of specific business use cases to Kubernetes-based AI/ML infrastructure improving MTTR by 60%
- Reduced platform user support tickets by 30% through development of an AI-powered chatbot leveraging internal documentation and LLM capabilities
- Reduced deployment cycles from 48–72 hours to 12–24 hours by implementing Jenkins and Chef Automate for infrastructure management across Hadoop environments

Mastercard, Hybrid

2013–2021

Principal Architect, Data Science & AI Platforms

- Developed the organization's first enterprise open-source Python distribution including 100+ libraries with PCI-compliant governance and security controls
- Architected and maintained enterprise data science platforms supporting 500+ users across distributed Hadoop environments
- Improved platform uptime to 99.5% through centralized JupyterHub deployment and platform standardization

- Reduced support tickets by 20% in the first year by implementing governance frameworks, monitoring systems, and enterprise onboarding initiatives.
- Enabled fraud detection and Decision Intelligence initiatives processing 143B transactions annually using graph database technologies and advanced analytics
- Implemented RStudio (Posit) enabling advanced R statistical computing and improving performance for select analytics workloads by up to 40%

Mastercard, Purchase, NY

2007–2013

Earlier Roles – Data & Analytics (Lead Developer → Senior Business Analyst → Senior Developer)

- Drove enterprise Hadoop modernization initiatives scaling beyond 2 Petabytes of data and improving long-running report performance by up to 40%
- Led migration of enterprise reporting solutions from Business Objects to WebFOCUS, reducing platform costs by 33% while expanding reporting access enterprise-wide
- Developed near real-time analytics dashboards improving authorization analysis speed by 75% for executive and product teams
- Helped productize WPS as a scalable SAS alternative reducing enterprise licensing costs through shared subscription-based infrastructure

PepsiCo, Valhalla, NY

2001–2007

Earlier Roles – Data & Analytics (Lead Developer → Senior Business Analyst → Senior Developer)

- Delivered near real-time reporting and ad hoc analytics solutions for major enterprise customers, with a primary focus on Walmart.
- Reduced reporting and analysis turnaround times from weeks to days by automating reporting and improving data availability through Business Objects Universe and data warehouse development
- Improved operational efficiency through ETL automation, reducing new reporting order-to-delivery timelines by up to 30%
- Led development of PepsiCo's first Oracle data warehouse using PL/SQL, Unix, and Java to support data from hundreds of bottlers and retailers.

TECHNICAL STACK

Python • R • JupyterHub • RStudio (Posit) • Databricks • Cloudera AI • SQL • Hadoop • Apache Spark • AWS • Azure • Linux/Unix • Docker • Kubernetes • Git • Jenkins • Chef • Oracle • PostgreSQL • Hive • Impala • Airflow

EDUCATION & CERTIFICATIONS

MBA, Computer Technology – University of Phoenix | BS, Computer Science – Western Connecticut State University | Generative AI for Business Leaders | Model Context Protocol (MCP): Hands-On with Agentic AI | Academy Accreditation – Databricks Fundamentals | Microsoft Certified: AI Business Professional | Foundations of Responsible AI