

Danny Anderson

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SUMMARY

Backend-leaning full stack engineer with 10+ years of experience building production systems, data platforms, and product infrastructure. Strong background in Python, PostgreSQL, automation, and cloud-native delivery, with a focus on reliable backend foundations that enable great user-facing products.

CORE SKILLS

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|-----------------------------------|-----------------------------------|
| Python backend systems | PostgreSQL & SQL Server |
| API design & automation | MongoDB & document data models |
| Web scraping & data orchestration | Typesense search & fuzzy querying |
| Kubernetes & containers | CI/CD & deployment workflows |

EXPERIENCE

CCR Technologies 2015 – Present

Data Engineer (2022–Present) · Data Architect (2018–2022) · BI Analyst (2015–2018)

- Architected and delivered backend systems and data platforms supporting multiple business units and product lines.
- Designed ingestion and analytics pipelines processing millions of datapoints to drive real-time operational workflows.
- Built event-driven notification systems delivering 1,000+ AWS SNS messages daily to automate customer communications.
- Designed and built internal content intelligence platform using MongoDB to orchestrate web-scraped and vendor data sources.
- Implemented Typesense search layer enabling fast fuzzy search and interactive querying across large datasets.
- Established SQL audit logging and governance standards improving traceability across APIs, applications, and databases.
- Deployed microservices and pipelines on Kubernetes using ArgoCD and Airflow.
- Redesigned ETL structures improving financial reporting performance by ~250%.

Windstream Telecommunications 2012 – 2015

Project Coordinator

- Owned technical coordination for VoIP and internet solution delivery across customers, sales, engineering, and field teams.
- Led requirements discovery and ensured implementations matched customer expectations.

EDUCATION

- M.S. Business Analytics — University of Iowa (2021)
- M.A. Library & Information Science — University of Iowa (2019)
- B.A. English Literature — Arizona State University (2007)