# CM LUBINSKI

### Humble. Driven. Scrappy.

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cmlubinski

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## Skills & Strengths
### Engineering
Data ETL/ELT & Analysis
Webapps, APIs, Modeling
Optimizing Cost & Scale
AppSec, CI, Static Testing

### Infrastructure
Identity & Access Control
Cloud-first, Dynamic IaC
Observability & Auditing
"Invisible" Infrastructure

### Product, Vision, Strategy
Compassionate Design
Incremental Progress
Confident Curiosity
Lean Startup Principles

### Teamwork
Agile & Delivery-Centric
Kind, Targeted Critiques
Build Buy-in, Momentum

## Recent Tech Tools
AWS, GCP, Terraform
BigQuery, Postgres, CDC
Airflow, Spark, DBT
Python, Django, Docker

## Formal Education
### Master of Science
✧ With Distinction ✧
Computer Science
DePaul University, 2014

### Bachelor of Arts
✧ With Honors ✧
Computer Science
Grinnell College, 2008

## Fun Facts
Very Midwestern
Lectured ethics at DNC HQ
Paddles a fold-up kayak

**Summary:** I take great pride in a wide range of engineering experience, and recognize that technology is best as a force multiplier. By automating rote tasks, connecting disparate systems, and building platforms, I contribute to my community through enablement.

### Staff Engineer, Democratic National Committee — Aug '18 - Present

- Led technical design and implementation for key DNC Tech tools, including an ecosystem-wide data warehouse, associated self-service IAM, ETL pipelines & orchestration, Django & React webapps, public APIs, and cloud infrastructure
- Broke up thorny problem spaces into actionable work and intentionally allocated to specific colleagues to ensure knowledge diffusion and aid their professional growth
- Sought high-leverage solutions in an environment with significant churn; COTS configurations, aggressive automation, and platform designs amplify our impact
- Mentored multiple generations of DNC staffers on technical topics (emphasizing maintenance, security, and efficiency) as well as institutional knowledge
- Contributed wherever needed: hardening election-day apps, adding DNS records, debugging user queries, planning disaster recovery scenarios, forecasting cloud spend, building Looker Studio reports, verifying voter signatures, etc.

### Backend Lead, 18F (General Services Administration) — Sep '14 - Aug '18

- Contributed core code and architecture to a wide range of projects and partner agencies such as a donations platform, a proxy layer for data.gov, federal spending data ingestion, census dataset deduplication, legacy database migrations, and more!
- Spanned the full development stack (e.g. devops, ETL, APIs, AppSec, UI, reporting) most often with a small team of engineers, designers, and product experts
- Promoted to "Lead", a mentorship & standard-bearing role, of 30+ engineers across disparate teams; hosted post mortems, bar-raising discussions, and 1:1 sessions
- Screened >100 resumes and interviewed nearly 50 candidates for technical positions across the federal government, focusing on aptitude *and* tolerance for bureaucracy
- Evolved from the "code machine" archetype into more holistic problem solving and systems thinking; cultivated subject matter expertise & user champions

### Backend Developer, Consumer Financial Protection Bureau — Dec '12 - Sep '14

- Shipped a public federal regulation (CFR) viewer and comment system, writing a sophisticated parser to automate structure, reference, and definition extraction
- Implemented an internal GIS tool for surfacing loan discrimination concerns
- Improved CFPB Tech culture through hosted presentations & discussions, working-group leadership, style guides, and thoughtful code reviews
- Promoted adventurous ideas with quick prototypes and internal demonstrations

### Chief Developer, Toodalu LLC — Aug '10 - Nov '12

- Led backend development & infrastructure for a location-based financial startup
- Primarily utilized Scala (Lift) for logic and PostGIS & MongoDB for data storage
- Navigating several product pivots, stepping away as the team was acqui-hired

### Web Developer, Network Ninja Inc — Jun '08 - Aug '10

- Improved and extended a custom PHP case management tool for pro bono legal aid; worked within a small team in weekly sprints based on client needs
- Introduced automated testing (PHPUnit), wrote scripts for new-client setup, and transitioned the team from an in-house ticketing system to a COTS product