

Lucas Dahl

Principal Engineer

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👤 Profiles

🔗 **LinkedIn**

[lucasdahl-a2b453107](#)

🔗 **GitHub**

[Procerus](#)

</> Skills

C#

Expert

.NET Framework, API Design

VB.NET

Proficient

Linux

Proficient

System Architecture

Proficient

Scrum / Agile

Proficient

PowerShell

Familiar

Scripting, DevOps

JavaScript

Familiar

jQuery

SQL / T-SQL

Expert

MSSQL Server, 4TB+ DB

Python

Proficient

Flask, Automation

Docker

Proficient

REST API Design

Proficient

AWS

Proficient

EC2, Migration

Git

Familiar

Java

Familiar

📄 Summary

Principal Engineer with 5+ years of experience designing enterprise backend systems and building high-performing engineering teams. Architected third-party API integrations adopted into a vendor's base product, drove a 50% reduction in core computation time, and grew a development organization from near-zero to ~35 engineers. MS in Computer Science (3.83 GPA, UIS 2024) completed while working full-time as a lead developer.

📁 Experience

Producers National Corp.

Saint Charles, IL

Principal Engineer

January 2025 — Present

- Lead and grow a team of ~17 engineers; co-manage an equal QA organization, hired 7 developers in a single year, promoted 3 to team lead roles
- Designed 3rd-party API integration architecture for a 4TB+ enterprise platform; framework adopted into vendor's base product and distributed to all clients, reducing external vendor dependency
- Drove 50% reduction in core computation time; delivered 800+ tickets and 350+ code reviews annually across C#, VB.NET, Python, and SQL
- Automated environment provisioning and SSL certificate management via PowerShell across 15+ systems; led on-premises to AWS infrastructure migration

Producers National Corp.

Saint Charles, IL

Sr. Software Developer & Configurator

January 2022 — January 2025

- Built and maintained 15+ parallel dev/QA environments; established dev-server workflow separating code changes from production and enabling agile delivery
- Implemented third-party integrations (TransUnion, Lexis Nexis/RISK, DocuSign, PayTrace); led rate changes, multi-state policy migrations, and PCI compliance work
- Mentored junior developers; created onboarding training programs and advanced to Lead Software Engineer via successive Exceeds Expectations reviews

Producers National Corp.

Saint Charles, IL

Software Analyst

August 2020 — January 2022

- Built Python error-log monitoring scripts that reduced production incident detection time and generated prioritized alerts by severity level
- Designed and maintained 15+ development, QA, and staging environments on AWS, enabling rapid instance scaling and agile delivery
- Implemented third-party integrations (DocuSign, PayTrace) in isolated development accounts, eliminating live transaction testing costs

Wisconsin National Guard

June 2014 — June 2022

Chemical Detection System Repairer (94F)

- Repaired and maintained electronic equipment (night vision, chemical detectors, military radios); managed inventory records for \$350,000+ in equipment
- AIT Distinguished Honor Graduate (GPA 3.99); completed Basic Leader Course (GPA 3.50)

🎓 Education

University of Illinois Springfield

Master of Science • 3.83 GPA

Computer Science

September 2021 — May 2024

Completed while working full-time as a lead developer.

University of Wisconsin Eau Claire

Bachelor of Science • 3.29 GPA • Cum Laude

Mathematics & Physics • Japanese Minor

September 2013 — December 2018