

Michael Schaefer

Minneapolis, MN | Relocating to Lincoln, NE (June 2026)

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Technical Skills

Programming:	Java, C#, Kotlin, Python, C, JavaScript
Frameworks:	Spring ecosystem across web, batch, security, data, and integration
Web:	Server-rendered and SPA interfaces (HTML, CSS, React)
APIs:	REST, GraphQL, Authentication, API Documentation
Data:	Relational and NoSQL databases
Cloud & Deployment:	AWS, Terraform, CI/CD, Containers

Work Experience

Securian Financial St. Paul, MN
Senior Engineer Sep 2025 -- Present

- Supported and enhanced core life & annuity insurance actuarial applications across Java, mainframe, and Informatica.
- Contributed to application modernization and AWS migration using Spring and Spring Batch.

The Minnesota Star Tribune Minneapolis, MN
Application Programmer May 2025 -- Sep 2025

- Modernized internal Visual Basic applications by migrating to C#, breaking apart a tightly-coupled monolithic controller, rationalizing redundant systems, and reducing technical debt.
- Consolidated internal applications from Visual SourceSafe across multiple servers into a single cloud repository and set up basic CI/CD for deployments, streamlining version control, collaboration, and self-documenting processes.

Federated Mutual Insurance Company Owatonna, MN
Systems Developer II Jun 2022 -- May 2025

- Rewrote document generation system during mainframe migration, improving reliability and maintainability.
- Automated internal workflows, earning the first-ever PIXEL (Pioneering Excellence) IT award and saving significant development time.
- Enhanced the policy change request process, winning Best Overall at the company hackathon.

Education

Minnesota State University, Mankato Mankato, MN
M.S. Mathematics & Statistics Jul 2022

- Thesis: Rankings of MMA Fighters
- Advisor: Dr. In-Jae Kim

Minnesota State University, Mankato Mankato, MN
B.S. Mathematics May 2020

- Minor: Computer Technology

Awards & Recognition

Federated Insurance

2024

- Hack Day Best Overall Award
- PIXEL (Pioneering Excellence) Award