

Christian Scherer

Software Developer | Solutions Architect



Peculiar, MO



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<https://christianscherer.dev>

EXPERTISE

Cloud-Native Architecture
(Azure, SaaS)

Microservices & API-First
Design

ServiceNow Architecture &
Development

Secure API Integration (OAuth,
Tokens)

Data Architecture, ETL,
JSON/Data Flow Design

.NET Core, C#, JavaScript,
Typescript, Python, SQL,

Next.js, React, PowerShell

Agile/Scrum Leadership &
Mentorship

CI/CD, Git, Azure DevOps

EDUCATION

BACHELOR OF SCIENCE –
COMPUTER SCIENCE
Southern New Hampshire
University
2020 – 2022
Graduated Summa Cum Laude
4.0 GPA

ASSOCIATE'S DEGREE –
COMPUTER PROGRAMMING
Coastal Carolina Community
College
2013-2015

ABOUT ME

Full-stack developer and solutions architect with 8+ years in IT, specializing in enterprise platform modernization, cloud migrations, and secure API integrations. Primary technical contact for dozens of high-impact projects, driving architecture decisions, enforcing best practices, and mentoring development teams.

PROFESSIONAL EXPERIENCE

SOFTWARE DEVELOPER
Burns & McDonnell

MAR 2023 – AUG 2025

- Assisted with architecture and modernization of enterprise solutions, including QTS modernization for Azure hosting.
- Designed and implemented secure REST API integrations (OAuth, Azure tokens), enabling faster, compliant data exchange across enterprise systems.
- Automated IT processes (licensing, storage archiving, data normalization), saving hundreds of admin hours annually and improving efficiency.
- Established and enforced coding best practices, introducing reusable architectural patterns for integrations and workflows.
- Served as primary technical contact for dozens of development projects, troubleshooting and resolving complex issues.
- Mentored developers via code reviews and architectural guidance, raising code quality and accelerating project delivery.

IT SYSTEM SPECIALIST
Burns & McDonnell

JUL 2022 – MAR 2023

- Directed ServiceNow architectural changes, delivering new catalog modules and automation that streamlined request handling for thousands of users.
- Integrated enterprise workflows with Azure-hosted services, including ESRI backup automation.
- Reinforced secure development practices across product teams.
- Developed scalable, modular ServiceNow workflows and modules to improve maintainability.
- Documented technical architecture decisions and maintained compliance with governance standards.

IT APPLICATIONS SPECIALIST
Burns & McDonnell

AUG 2021 – JUL 2022

- Supported platform architecture by troubleshooting complex issues with server automations and application dependencies.
- Sole technical contact for Revit Server and Clarity automation tasks to support engineering design work.
- Architected, directed and executed the move from on-prem to cloud hosted solution for Revit Server, its automated tasks, and archiving of previous data for hundreds of engineering projects, supporting thousands of designers and engineers.

END USER SUPPORT TECHNICIAN
Burns & McDonnell

JUN 2017 – AUG 2021

- Deployed, troubleshoot and supported engineering software and hardware systems.
- First line of contact for thousands of engineers and designers.
- Maintained on-call presence as needed.