

Scott Gerold

Lead Software Developer | Cloud Engineer

Profile

Experienced Senior Software Engineer/Architect with over 20 years in software development and cloud architecture, focusing on Azure technologies. Skilled in designing cloud-native applications and leading cross-functional teams to drive digital transformation. Proficient in creating CI/CD pipelines, Infrastructure as Code using Terraform, and automating deployment tasks with PowerShell and Azure CLI scripts. Adept at developing multi-tenant SaaS solutions and modernizing applications to .Net Core, resulting in significant cost savings and enhanced scalability. Specialized in delivering solutions for enterprise application modernization and proficient in designing backend APIs using various technologies.

Employment History

Lead Software Developer | Cloud Engineer at Future Systems Consulting & Services, Inc

December 1999 — June 2025

- Design, build, and manage CI/CD pipelines using Azure DevOps for application deployment
 - Create Infrastructure as Code using Terraform to ensure consistency and scalability in Azure resources
 - Develop PowerShell and Azure CLI scripts to automate deployment and configuration tasks
 - Design and develop multi-tenant SaaS solutions hosted in Microsoft Azure
 - Refactor SaaS to .Net Core, reducing hosting costs by 40% and integrating various third-party services

Cloud Architect at Star Seven Six, Ltd

July 2022 — January 2025

- Design and develop backend API(s) using C#, .Net Core, and AWS
 - Design framework for unit testing APIs, Services, Controllers, and Repositories
 - Implement SQLite and backend data source for Unit Testing
 - Design and deploy Datawarehouse infrastructure in Microsoft Azure
 - Create IAC using Terraform to construct and deploy Datawarehouse components in Azure
 - Develop workflow around Azure Synapse and Datawarehouse infrastructure

Application Modernization Architect at Cognizant Microsoft Business Group

November 2020 — July 2022

- Led assessments for multiple engagements with mid-sized companies over \$20 million

Details

(614) 203-2698

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Skills

Cloud Architecture

Azure Technologies

CI/CD Pipelines

Infrastructure as Code (IAC)

PowerShell Scripting

.Net Core Development

SaaS Solutions

Backend API Design

Terraform

Digital Transformation

- Developed solutions for enterprise application modernization to Azure Cloud environment
- Presented findings and proposals to c-level executives and architecture teams
- Managed onshore and offshore teams for cloud modernization projects
- Designed pipelines and built Terraform scripts for Azure cloud migration

Software Engineering Group Manager at Avanade

November 2016 — November 2020

- Lead software architect for Amazon Web Services specializing in modernizing legacy .NET applications to the AWS Cloud, developing best practices, and creating a migration roadmap.

- Lead architect specialist for Dow Chemical, creating architecture patterns, documentation, and best practices for building solutions in the Cloud, including API, Event Driven, Serverless, N-Tier, and Azure Kubernetes patterns.
- Technical software lead for Dow Chemical (Digital - Chicago), designing and prototyping a Restful API service over SQL Server, BW (SAP), and unstructured data sources using Azure Service Fabric and Microservices Architecture.
- Responsible for ensuring development efforts align with Enterprise Architecture, providing technical leadership, assisting with design efforts, supporting the Scaled Agile Framework "SAFE", planning features, and collaborating with the Architecture Group on proof-of-concepts for future efforts including migration to Azure Cloud.
- Developed Proof-of-Concepts for modernizing legacy .NET MVC applications using .NET Core, decoupling legacy .NET Framework MVC applications into REST APIs inside Docker Containers, and designing DevOps processes for building and delivering native cloud applications in AWS.

Education

**Bachelor Of Arts & Science, Bowling Green State University,
Bowling Green**