SCOTT GEROLD
Software Engineer / DevOps

☏ 614-203-2698   ✉ scott@futuresystemsinc.com

SUMMARY

Detail-oriented and highly skilled freelance software engineer with large portfolio of successful projects and satisfied customers. Experience in design and developing full-stack solutions, integrations, and application modernization for the cloud. Seeking freelance opportunities to contribute my expertise to deliver innovative solutions.

PROFESSIONAL EXPERIENCE

Cloud Solutions Architect
Future Systems Consulting & Services, Inc.

1999-Current
Columbus, OH

Professional Freelancer, Software Engineer, Architect and Cloud Solution Architect. I have built a large portfolio of successful projects with a very diverse range of customers in many vertical markets.

- Software Architect and primary Developer for commercial Software as a Service – Remodel Cloud www.remodelcloud.com. This is a multi-tenant solution hosting in Microsoft Azure and consisting of backend REST API, Azure SQL Server Database, Web Application built with ASP .Net Core MVC. Solution is fully integrated with Stripe, SendGrid, and QuickBooks.

- Modernized existing SaaS - Cold Hard Football Facts (www.coldhardfootballfacts.com) Refactored service to .Net Core and moved to Microsoft Azure environment reducing monthly hosting costs by 40%. Technology stack is Microsoft .Net Core, ASP .Net MVC, Azure SQL Database. Integrations include Stripe, MailChimp, Sports Radar, HangFire, Twitter, and YouTube.

- Designed and developed multi-tenant wayfinding solution PlanIT Studios – www.planitstudios.com. The solution is currently approaching over 40 Android based kiosks located in Medical Centers across Midwest. The technical stack is JavaScript web solution executing as a web-view in Android base kiosk. A central administration built in Microsoft .Net, Asp .Net MVC, and SQL Server. Integration with multiple medical center information directories, and MazeMap.

- More customer engagements available upon request.

Practice Lead
Star Seven Six

2021-Current
Columbus, OH

Practice Lead working to build Cloud Practice internally while working as Senior Tech Leads on multiple customer engagements.

- Leading development effort to create backend API via C# and .Net Core for Auditor State of Ohio accounting systems. Desing framework for unit testing APIs, Services, Controllers, and

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TECHNICAL SKILLS

- Microsoft Azure, Amazon Web Services
- DevOps with GitHub Actions, Microsoft ADO
- Terraform, Bicep
- C#, VB.Net, Python
- ADO, Entity Framework, Dapper
- Kubernetes, Docker, Containers
- ASP .Net, .Net Core, Webforms
- Rest API, SOAP API
- Angular JS, Angular 2-? Ionic, React
- HTML, CSS, JavaScript, jQuery
- SQL, MySQL, PostgreSQL, Mongo, SQLite

STRENGTHS

- **COMMUNICTION**
  Skilled in collaboration with team members and bridging the gap between technology and business with customers

- **PROBLEM SOLVING**
  Efficient and quick to identify issues, suggest resolutions and improve project outcomes.

CERTIFICATIONS

- Microsoft Azure Architect Design
- AWS Certified Cloud Practitioner
- Microsoft Azure Architect Technologies
- Microsoft Azure Artificial Intelligence
- Certified Azure DevOps Engineer Expert
- Certified Azure Developer
- Developing Solutions for Microsoft Azure
- HTML5, JavaScript, CSS 3.0
- Scrum PSM-1
- HashiCorp Terraform Associate

Repositories. Implemented SQLite and backend data source used in all Unit Testing.

- Designed and built Datawarehouse infrastructure in Microsoft Azure for Fillmore Capital Partners, LLC. I created Infrastructure-As-Code using Terraform to construct and deploy components of Datawarehouse. Components consisted of Azure Storage, VNet and respective configurations, VM(s), SQL Server, Data Lake, Key Vault, Azure Synapse, and all security and policy configurations.

Application Modernization Architect
Cognizant Microsoft Business Group

11/2020-6/2022
Columbus, OH

Working with various enterprises to analyze and design migration path to Azure for existing .Net, Java, or other enterprise applications.

- Lead solution development, architecture, sales support, and delivery for enterprise application modernization from on-premises to Azure Cloud environment.

- Managed and advised on- and offshore teams while leading the development of a product roadmap from incubation, design, development, porting, to product maintenance.

- Provided end-to-end design, validation, alignment of requirements into a technical design for modernizing application workloads.

- Constructed scripts in Terraform to provision large enterprise level architecture that includes many Azure IaaS and PaaS services used to support customer's premier product offering.

- Created and designed Azure Kubernetes system and Terraform deployment scripts capable of scaling and supporting multiple availability sets.

Group Manager
Avanade

10/2017-11/2020
Columbus, OH

Manager with Avanade Information Technology, Great Lakes Region serving as technical lead and architect for multiple enterprise customers and consulting engagements.

- Technical Architect on 2 Agile Scrum teams for commercial mortgage software vendor Mortgage Cadence. I was responsible for ensuring development effort following architecture

- Lead Cloud Software Architect for Amazon Web Services specializing in the modernization of Legacy .NET applications to the AWS Cloud. Responsible for establishing roadmap to AWS cloud for Amazon .Net Customers

- Cloud Architecture with Dow Chemical building Cloud Center of Excellence. Specializing in DevOps, Terraform and creating IAC for common Cloud Architectures.

- Software Engineer with Dow Chemical (Data & Information) team responsible for building Restful API services running across Azure Service Fabric

- Software Engineering Lead with Dow Chemical (Digital) Responsible for the delivery of a mobile application with backend Rest API utilizing Azure Cloud Service. I led a team of 6 people from

initial design to delivery.   We utilized Azure Cloud Services and specifically Web App Services for the Rest API, Key Vault, Application Insights, and Azure SQL Server for the backend database. The mobile application was a single page app developed using the Ionic/Angular

Technical Specialist
IBM Global Services

Senior Software Engineer
Wendy's International

Manufacturing Systems Programmer
Honda of America Manufacturing

REFERENCES

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