

Chris Sanford

New York, NY | chris@chris-sanford.com
chris-sanford.com/linkedin | chris-sanford.com/github

PROFESSIONAL SUMMARY

Senior Software Engineer and Site Reliability Engineer with 8 years of IT and cloud infrastructure experience, including 4 years at Microsoft's Cloud + AI Team across SRE and senior engineering roles. Technical lead for 30+ engineer teams; reduced cloud operational costs by 1.5%/month through Azure resource automation. Deep expertise in Azure, Infrastructure as Code, CI/CD pipelines, and SRE practices. Seeking senior SRE, platform engineering, and cloud infrastructure roles where developer platform reliability and scale are the mission.

WORK EXPERIENCE

Senior Software Engineer & Site Reliability Engineer

July 2022 – Present

Microsoft · Contract, Cloud + AI Team | Remote

- Served as technical lead for 30+ engineers, establishing coding standards and training programs that accelerated team-wide skill development across Azure cloud services
- Modernized cybersecurity research platforms by building CI/CD infrastructure and configuration pipelines in Azure DevOps, cutting provisioning time from days to hours
- Automated cloud resource deployment and lifecycle management using PowerShell and Azure DevOps, eliminating manual provisioning steps and reducing deployment time by ~75%
- Reduced cloud infrastructure costs by 1.5%/month by engineering PowerShell scripts that automatically detected and deallocated abandoned Azure resources
- Authored incident runbooks used by 30+ engineers, reducing MTTR for P1 incidents from ~4 hours to under 90 minutes
- Integrated AI-assisted development tooling (GitHub Copilot, Azure OpenAI) into team workflows, reducing boilerplate code generation time by ~35%

Data Control Supervisor

June 2018 – July 2022

Town of Islip | Islip, NY

- Administered enterprise IT environment serving 800+ users across 100+ servers, including Active Directory, Exchange, VMware vSphere, and Dell EMC SAN infrastructure
- Reduced server deployment and configuration time by ~90% (hours to under 10 minutes) by implementing Infrastructure as Code practices and DevOps automation tooling
- Led IT modernization initiatives encompassing 8 legacy system upgrades and 3 infrastructure overhauls, maintaining 99.8% uptime throughout all transitions

TECHNICAL SKILLS

Languages: PowerShell, Python, TypeScript, JavaScript, Bash, HTML/CSS

Cloud Platforms: Azure (Virtual Machines, DevOps, Container Apps, Functions, Firewall), AWS (EC2, S3)

Infrastructure as Code: Terraform, Bicep, Azure Resource Manager (ARM)

Containers: Docker, Azure Container Apps

Security & IAM: Microsoft Entra ID, Azure Active Directory, RBAC, Azure Key Vault

CI/CD: Azure DevOps, GitHub Actions, Git, Jenkins

Monitoring & Logging: Azure Monitor, Log Analytics, Application Insights, KQL/Kusto

Networking: Azure Virtual Networks, VPNs, Network Security Groups (NSG), Azure Firewall

Databases: Azure Data Explorer (KQL), Azure Storage Tables, Blob Storage

Methodology: Site Reliability Engineering (SRE), Infrastructure as Code (IaC), DevOps, Agile

EDUCATION

Bachelor of Information Technology: Network Administration

CERTIFICATIONS

Microsoft Certified: Azure AI Fundamentals — Microsoft *(Issued Nov 2024)*