

# Ty Cameron

Innovative Systems Architect | Automating Secure, Scalable Infrastructure Solutions

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## OBJECTIVE

To architect and implement innovative DevOps, automation, and security solutions that deliver scalable, resilient infrastructure while optimizing performance and creating measurable business value.

## QUALIFIED BY

- Expertise in systems architecture, cloud platforms, and DevOps practices
- Deep knowledge of security frameworks and regulatory compliance
- Proven skill in designing automation strategies for scalable infrastructure
- Experience implementing secure, high-availability hybrid environments
- Track record of optimizing infrastructure performance and reliability
- Collaborative problem solver aligning technology with business goals
- UX-focused, enhancing products through design thinking and iteration

## PROOF OF EFFECTIVENESS

- Architected a secure, auto-scaling **Azure** cloud-native application using **Kubernetes**, **PostgreSQL**, **CosmosDB**, and **Redis**, increasing system uptime by 20% and reducing latency by 35%.
- Developed multi-cloud environments with **Terraform**, reducing deployment times by 40% and improving system consistency.
- Implemented CI/CD pipelines across on-prem and cloud systems, accelerating release cycles by 30%.
- Rebuilt corporate network and Wi-Fi infrastructure, achieving 99.9% uptime with **Fortinet SD-WAN** and **Wi-Fi 7** deployment.
- Created an organization-wide public facing Trust Center to streamline security documentation access, reducing client security review times by 60%.
- Led deployment of comprehensive security measures, cutting phishing incidents by 45% through **MFA** and **Conditional Access**.
- Directed product redesign through user testing, boosting user engagement by 25%.
- Migrated legacy infrastructure to hyper-converged solutions with minimal downtime, improving system resilience.

- Enhanced IT operations with **Intune** and **Autopilot**, strengthening endpoint security and management.
- Deployed proactive monitoring via **ELK Stack**, **Splunk**, and **Datadog**, improving visibility and accelerating incident response.

## EDUCATION

### **Bachelor of Science in Information Technology / Visual Communications**

University of Phoenix

### **Associate of Science**

Salt Lake Community College

## EXPERIENCE

### **Systems & Platform Architect**

Designed and implemented secure, scalable infrastructure, leading cloud-native architecture and DevOps practices.

### **Senior DevOps Engineer**

Developed automation pipelines and managed hybrid cloud environments, ensuring high availability and performance.

### **Director of IT / CSO**

Oversaw IT strategy, security compliance, and governance, while leading infrastructure modernization and security posture improvements.

### **UI/UX Manager**

Led design strategy and user testing to optimize product interfaces and experiences.

### **Project Manager / JIRA Administrator**

Managed Agile project workflows, ensuring efficient delivery of technology solutions.

### **IT Systems Administrator**

Maintained enterprise IT environments, ensuring uptime, security, and support operations.

### **Web Designer / Developer**

Delivered full-stack web solutions and branding assets, enhancing digital presence and user interaction.