TIMOTHY QUILLING

Systems Administrator, B.S. Information Systems Technology | linkedin.com/in/teqed | quilling.dev

Timothy Quilling has seven years of experience managing cloud-hosted enterprise systems and a passion for building software that solves real-world problems. They actively contribute to open-source projects and enjoy helping others achieve their goals. They are seeking opportunities in site reliability engineering and DevOps.

Skills

- Deploying hosted services on cloud providers, including Azure, AWS, and Oracle Cloud.
- Maintaining Microsoft Windows, Linux, IBM i OS, and other POSIX-compliant systems.
- Optimizing and auditing large multi-user databases in SQLite, PostgreSQL, and IBM DB2.
- Creating declarative infrastructure using IaC tools like Terraform, Ansible, and Nix Flakes.
- Working with REST APIs, including OAuth, CDN storage, SSL/TLS, and managing certificates.
- Writing software in Rust and contributing to Python, Java, JavaScript, C#, and Go codebases.

Education

Seminole State College

B.S. Information Systems Technology | 2012 - 2017
- Specialized in Cybersecurity and graduated with an Honors Science Diploma.

Experience

CentralSquare Technologies

Systems Administrator | Apr 2019 - Apr 2025
- Managed a suite of government ERP software for municipalities in the US and Canada.
- Provided 24/7 on-call support to maintain 99.9% availability in accordance with SLOs.
- Developed automation rule sets to recover from service interruptions.
- Handled high-pressure technical escalations driven by financial deadlines.
- Built self-service tools for UX and domain operations using CL, Python, and PowerShell.
- Maintained back-end .NET applications and IIS hosting on Windows Servers in AWS.
- Managed Node.js instances serving websites to thousands of daily active users.

Charter Communications

Internet Technical Support, Tier 3 | 2018 - 2019
- Acted as a subject matter expert for last-mile networking, including modems and routers.
- Supported web applications for customer account management and live streaming services.