TIMOTHY QUILLING

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

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

Skills

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

Education

Seminole State College

B.S. Information Systems Technology | 2012 - 2017

- Specialized in Cyber Security and received an Honors Science Diploma.

Experience

CentralSquare Technologies

Systems Administrator | Apr 2019 - Apr 2025

- Responsible for a suite of government ERP software used by municipalities in the US & Canada.
- 24/7 on-call for system and network up-time at 99.9% availability SLO.
- Created automation rulesets for recovering from service interruptions.
- Handled high-pressure technical escalations motivated by financial deadlines.
- Shipped programs for UX and domain self-service by writing in CL, Python and Powershell.
- Maintained back-end .NET applications and IIS hosting from Windows Servers hosted in AWS.
- Managed NodeJS instances running JavaScript applications with thousands of daily active users.

Charter Communications

Internet Technical Support, Tier 3 | 2018 - 2019

- Subject matter expert for last-mile networking, with a strong focus on routers and modems.
- Supported web applications for customer account management and live streaming.