

# TIMOTHY QUILLING

Systems Administrator, B.S. Information Systems Technology | [linkedin.com/in/teqed](https://www.linkedin.com/in/teqed) | [quilling.dev](https://quilling.dev)

Timothy Quilling has seven years of experience with 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 full-stack development.

## Skills

- Systems Administrator for Microsoft Windows, Linux (RHEL, Ubuntu, Debian), and other POSIX.
- Managed NodeJS instances running JavaScript applications with thousands of daily active users.
- Audited and optimized large multiuser databases in SQLite, MS Access, PostgreSQL and IBM DB2.
- Expertise with REST APIs and common web technologies such as JWT bearer tokens, OAuth implementations, CDN storage and SSL/TLS communications.
- Advocate of IaC and created declarative design using Terraform, Ansible, and Nix flakes.
- Experienced with writing multi-threaded HTTP microservices using Rust and JavaScript.
- Familiar with debugging applications in many more languages like Java, Go and C#.

## Education

### Seminole State College

B.S. Information Systems Technology | 2012 - 2017

- Chose the Cyber Security specialization and received an Honors Science Diploma.

## Experience

### CentralSquare Technologies

Systems Administrator | Apr 2019 - Apr 2025

- 24/7 on-call for system and network up-time at 99.9% 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.
- Direct liaison with software engineers for new application releases.

### Charter Communications

Internet Technical Support | 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.