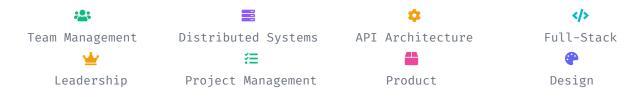
## **Sherod Taylor**

Platform Engineering Team Lead @ Bloomberg New York, NY

Leading 5 engineers and delivering Bloomberg's Private Cloud that serve 9,000+ developers daily. 4+ years in engineering leadership, 12+ years turning complex problems into reliable infrastructure that scales. When I'm not architecting systems or leading my team, you'll find me tinkering with my home lab.



## **Experience**

## **Platform Engineering Team Lead**

Bloomberg LP

March 2023 - Present New York, NY

Leading centralized API platform development and managing a 5-engineer team focused on developer tools. Created Bento UI framework using module federation.

- Built centralized API platform for Private Cloud infrastructure
- Designed Activity API platform providing infrastructure event visibility
- Created Bento UI framework using module federation
- Managed 5-engineer team focused on developer tools and infrastructure reliability

Technologies: React • Node.js • TypeScript • Kubernetes • Docker • Golang • PostgreSQL • GraphQL • OpenStack

### Senior Software Engineer

Bloomberg LP

August 2018 - March 2023 New York, NY

Led data center modernization project and architected full-stack software solutions for Bloomberg infrastructure.

- Led data center modernization project
- Built centralized API platform for Private Cloud infrastructure
- Designed Activity API platform providing infrastructure event visibility
- Architected full-stack software solutions for Bloomberg infrastructure

Technologies: Python • JavaScript • React • Node.js • AWS • Golang • PostgreSQL • GraphQL • OpenStack

#### Senior Software Engineer

Paxos (formerly itBit)

April 2015 - August 2018 New York, NY

Led infrastructure modernization and REST API platform development. Designed SWIFT banking system integration and implemented zero downtime deployments.

- Completed full Terraform migration of manually deployed systems
- Designed and implemented TLS client certificate authentication
- Led REST API platform development for institutional trading
- Designed SWIFT banking system for institutional trading integration
- Implemented zero downtime deployments using HA Proxy

- Proposed framework using Node.js, React.js, and Flux architecture
- Contributed to becoming second-largest Bitcoin exchange by volume

Technologies: Node.js • React.js • Terraform • Docker • PostgreSQL

#### Software Engineer

September 2013 - May 2015

Madison Reed

San Francisco, CA

Implemented Redis caching system, developed custom CMS, and led migration from Magento to custom Node.js framework.

- Implemented Redis caching system reducing database calls
- Developed custom CMS tailored to company workflow
- Led migration from Magento to custom Node.js order processing framework

Technologies: Node.js • Redis • MongoDB • JavaScript • CSS

## **Skills**

#### Frontend Development

12+ years

Building modern, responsive web applications

Expert

React • Angular • Next.js • TypeScript • JavaScript • Tailwind CSS • Vite • Webpack • Module Federation

#### **Backend Development**

12+ years

Scalable server-side architecture and APIs

Expert

Node.js • TypeScript • Go • Python • PostgreSQL • Redis • GraphQL • Apache Kafka • Apache Airflow • Event Sourcing • API Integration

#### DevOps & Infrastructure

10+ years

Cloud infrastructure and deployment automation

Expert

Docker • Git • Terraform • Packer • Proxmox • OpenStack • Networking • TrueNAS • Kubernetes

#### Leadership & Strategy

4+ years

Team leadership, product management, and design thinking

Leadership • People Management • Project Management • Product Strategy • Design Thinking

• Mentoring

# **Projects**

#### Home Lab Infrastructure



Production home lab running critical daily services for my household while serving as a real-world testing ground for infrastructure provisioning techniques. What I deploy at work, I validate at home first.

- Daily Production Use: Running 10+ services my family depends on Home Assistant controls our lights and thermostats, TrueNAS stores 8TB of family photos/documents, Immich organizes years of memories with AI facial recognition, Jellyfin streams our media library to every device
- Real Provisioning Practice: Infrastructure as Code using Packer and Terraform means I can rebuild any failed service in minutes learned this when my media server crashed during movie night. Now every service has automated provisioning pipelines just like production systems at work

- Kubernetes Testing: Deployed local K8s clusters for testing containerized applications and understanding orchestration challenges before production deployments
- AI Experimentation: Leveraging Ollama to self-host LLMs and computer vision models, understanding inference infrastructure requirements and optimizing resource allocation for AI workloads

Proxmox, Kubernetes, Docker, Terraform, Packer, TrueNAS, Home Assistant, Jellyfin

Dotfiles 6

Maintained comprehensive dotfiles and development environment configurations for consistent, reproducible development setups across multiple systems.

- Cross-Platform Configuration: Unified development environment setup for macOS and Linux systems
- Editor Configuration: Advanced Neovim configurations with language servers and productivity enhancements

Neovim, Zsh, Git, Tmux, Shell, macOS, Linux, Docker

# **Community & Leadership**

### **Bloomberg Diversity Interview Prep Bootcamp**

Mentorship

Volunteer Instructor & Mentor

6-month program

A comprehensive bootcamp program designed to train underrepresented candidates for technical interviews through mentoring and hands-on training from Bloomberg engineers. Provides 1:1 guidance, curriculum development, and mock interview preparation.

- Designed and delivered Systems Design curriculum
- Took on 1:1 mentee and prepared them for coding interviews
- Provided weekly mock interviews and detailed feedback sessions
- Followed training schedule for 6 months: algos, system design, coding interviews

#### **Bloomberg Community Service Leadership**

Volunteer

Community Service Leader

Ongoing

Leading community service initiatives within Bloomberg engineering teams, organizing volunteer activities and coordinating outreach programs to support local NYC communities.

- Logged 15+ volunteer hours in past year
- Mobilized multiple engineering teams for community service
- Coordinated homeless aid initiatives and care package distribution
- Organized NYC park cleanup efforts