

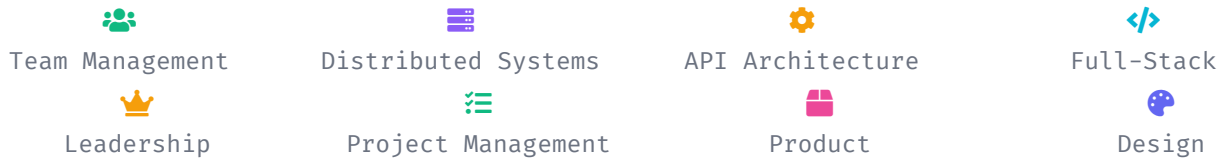
Sherod Taylor

Platform Engineering Manager @ Bloomberg

New York, NY

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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 Manager

March 2023 - Present

Bloomberg LP

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

August 2018 - March 2023

Bloomberg LP

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

April 2015 - August 2018

Paxos (formerly itBit)

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

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

Expert

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

Projects

SpareCoins

A crypto investment mobile application that rounds up spare change from everyday transactions and automatically invests it in cryptocurrency. Think Acorns for crypto – democratizing crypto investing through micro-investing with seamless bank integration.

- Automated Crypto Investing: Connects to bank accounts to round up transaction spare change and automatically purchases cryptocurrency through Coinbase exchange integration
- GraphQL-First Architecture: Built robust backend API using Golang, GraphQL, and Echo framework with OAuth authentication. Generated type-safe client code using GraphQL codegen for seamless frontend integration
- Rich Mobile UX: Developed React Native frontend with Apollo GraphQL for data fetching. Created engaging user experience with custom Lottie animations for transaction flows, account linking, and investment progress visualization
- Financial Integration: Implemented secure bank account connectivity using Plaid API for real-time transaction monitoring with automated round-up calculations and crypto purchase execution

React Native, Golang, GraphQL, Apollo, Lottie, OAuth, Echo, Plaid, Coinbase API, FinTech

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



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