

# SUMON SOURABH GHOSH

Network / Systems Administrator with 1.7+ years of experience at Tata Consultancy Services, supporting server deployments, secure networking, and system-level operations. Hands-on experience with Linux servers, SSL/TLS configuration, DNS management, Cloudflare tunneling, and backend infrastructure validation. Strong understanding of system monitoring, deployment verification, and troubleshooting in production-like environments.

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 India (Open to Relocation / Remote)

## WORK EXPERIENCE

### Tata Consultancy Services

Assistant System Engineer 06/2022 - 02/2024

- Worked in Agile teams supporting backend infrastructure and system operations.
- Assisted in deploying applications on Linux-based servers with secure network and SSL/TLS configurations.
- Performed server validation, connectivity checks, and post-deployment sanity testing.
- Supported DNS configuration and secure traffic routing using Cloudflare.
- Assisted in backend and API connectivity validation from an infrastructure perspective.
- Participated in system monitoring and basic troubleshooting of deployment-related issues.
- Acted as Group Leader for trainee Assistant System Engineers, coordinating tasks and providing technical guidance.

## PROJECT

### Self-Hosted Video Streaming Platform 2020 – 2024

- Designed, deployed, and maintained a Linux-based home server for video streaming services.
- Configured SSL certificates and HTTPS access for secure communication.
- Implemented DNS routing and Cloudflare tunneling for external access.
- Managed user access, service uptime, and basic server monitoring.
- Performed scalability and load testing to evaluate system limits.
- Handled end-to-end server setup, maintenance, and troubleshooting.

### Voice-Controlled System Automation Tool 2024

- Built a Python-based system automation tool capable of executing OS-level commands.
- Tested system commands such as shutdown and reboot with safety checks.
- Validated application behavior under different system states.
- Packaged and deployed the tool as a standalone executable.

## EDUCATION

### Sathyabama Institute of Science and Technology

B.E / B.Tech in Electronics and Communication Engineering

08/2018 – 09/2022

## SKILLS

Linux Servers   
Cloudflare DNS 

Networking Fundamentals 

SSL / HTTPS 

- Linux Server Administration
- Network Fundamentals (TCP/IP, DNS, HTTP/HTTPS)
- SSL / TLS Configuration
- Cloudflare DNS & Tunneling
- Server Deployment & Validation
- System Monitoring & Troubleshooting
- Backend Connectivity & API Validation
- Python (System Automation – Basics)
- Docker (Basics)
- AWS (Basic Infrastructure Exposure)
- Git & GitHub