

SRIHARI MURALIDHAR

Home & Business Networking | Security Cameras & CCTV | Access Control | Smart Home Security | Automation & IoT
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PROFESSIONAL SUMMARY

Technology professional with an M.S. in Cybersecurity (Northeastern) and a B.S. in Information Technology (Columbus State). Hands-on with network troubleshooting, secure remote access, device enrollment, and access administration (granting and revoking credentials by role, the model behind keycard and fob systems), plus IoT and camera builds on Raspberry Pi and Arduino. Explains technology to non-technical clients in plain terms. Ready to apply these skills to home networking, CCTV, smart home security, building automation, and access control, and to learn home theater, home audio, and motorized shade installation in the field.

TECHNICAL SKILLS

Networking: TCP/IP, DNS, VPN, SSL/TLS, SSH, NAT traversal and secure remote access, Wireshark packet analysis, network troubleshooting

Security & Access Control: Role-based access, user onboarding and offboarding, credential revocation, Okta, Azure AD / Entra, Saviynt, Passkeys (FIDO2), CrowdStrike

Devices, IoT & Cameras: Microsoft Intune (device enrollment and compliance), Raspberry Pi 4, Arduino, ultrasonic sensors, servo motors, camera-based object detection (Python, TensorFlow)

Systems & Cloud: Windows Server, security updates and patching, AWS, Azure, GCP, Terraform, Docker

Scripting & Tools: PowerShell, Bash, Python, SQL, Git, Jira, Confluence

Smart Home Platforms (learning): Control4, Lutron

WORK EXPERIENCE

Solutions Engineer – Login Defense

January 2026 – Present

- Tested an anti-phishing browser security product in production, documenting defects and install friction, and redesigned the update flow to remove a forced reinstall for customers.
- Explained the product to enterprise prospects and investors in plain terms, and worked with the founder on setup workflows, UI, and rollout planning.

Web Designer and Capstone Consultant – Kaisura

January 2025 – October 2025

- Led a 4-person M.S. team that built a security maturity framework, then redesigned the company website.

Cybersecurity Intern – Togetherwork

October 2023 – May 2024

- Backfilled a full-time security engineer during medical leave, independently owning access management and device compliance for the company.
- Enrolled and verified devices in Microsoft Intune and Azure, raising compliance from under 50% to 100% and flagging non-compliant endpoints, including C-suite devices, for remediation.
- Identified and revoked 70%+ of unused software licenses through PowerShell and Azure AD usage analysis, cutting cost with zero user impact.
- Onboarded the Saviynt access management platform, scripting PowerShell to clean employee data so access could be granted and removed by role.

IT Intern – OmegaFi

September – December 2022; June – August 2023

- Audited Azure account usage and removed 400+ unused email accounts, closing access points that could be exploited.
- Supported the security team in Agile/Scrum with CrowdStrike endpoint protection, and built automated tests with Cucumber (BDD) and WebdriverIO.

Research Intern – Columbus State University (Prof. Suk Jin Lee)

June – August 2022

- Built a camera-based object detection system in Python (TensorFlow) on a Raspberry Pi 4, and automated its deployment with Bash scripts.

IT Intern – Internal Revenue Service (IRS)

July – August 2021; November – December 2021

- Managed Windows Servers in a restricted environment: configured access privileges, ran security updates, and applied vulnerability patches.

HANDS-ON PROJECTS

Ultrasonic Radar – IoT Hardware Build

- Wired and calibrated an Arduino, SG90 servo motor, and ultrasonic sensors into a sweeping radar that detects and displays nearby objects.

DIY Ngrok – Secure Remote Access on GCP

- Set up remote access to a local machine through an SSH reverse tunnel on Google Cloud, working around NAT without opening router ports; published a write-up on the traffic routing.

Secure Asset Portal – Passkey (FIDO2) Authentication

- Built passwordless login with passkeys, the same standard used for biometric and phone-based unlock, and published an article on the build.

EDUCATION

M.S. in Cybersecurity – Northeastern University, Boston, MA – GPA 3.75

May 2025

B.S. in Information Technology (Cybersecurity Track) – Columbus State University, GA – GPA 3.87

May 2023

Undergraduate Certificate in Cybersecurity, High Honors (CERO).

LEADERSHIP & INTERESTS

Eagle Scout (BSA) with gold, silver, and bronze palms; Scout mentor. President, CSU India Club. Violinist.