

Siddhu Tedla

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U.S. Citizen

EXPERIENCE

Pivotal Solutions

Denver, CO

Systems Engineer | Audio Visual (AV) Solutions - Made to be Installed in Secure Zones

September 2023 – November 2024

- Engineered and deployed cutting-edge AV systems (including in the racks) from scratch, ensuring secure, scalable networking and ops integration across 10+ environments.
- Wrote 20+ client-facing technical documents while directly supporting users, translating complex setups into actionable guidance and reducing onboarding questions by ~60%.
- Built and automated an in-house lab network for AV and virtualization testing; streamlined workflows in local VMware, cutting provisioning time by over 70%.

Lockheed Martin

Colorado Springs, CO

Cyber Architect | Automated Deployment of Infrastructure and Compliance in Secure Zones

September 2022 – August 2023

- Automated infrastructure deployment and routine tasks using Ansible and Bash scripts, reducing manual workload by 90%.
- Troubleshoot systems regarding logging, and security. (Splunk, rsyslog, auditd, installation/deployment)
- Generated CKLs and completed STIG requirements for thousands of machines monthly, using automation to reduce compliance work by 85%.
- Automated and deployed IDS using PXE boot and Ansible, applying OOP principles, cut deployment time by 75%.

System Administrator | Troubleshoot and Administered Deployment

May 2022 – September 2022

- Administered and troubleshoot thousands of systems (Windows, Linux, Solaris), achieving a 95% SLA compliance rate.
- Wrote scripts to automate tasks like adding logging configuration, pushing updates, and access control (Bash, Perl, Python), cutting execution time by up to 90%.
- Created procedures and trained co-workers in performing certain administrative duties, reducing handoff errors by ~40%.

NCC (National Cybersecurity Center)

Colorado Springs, CO

Computer Networking Intern | Student Mentor

August 2021 – December 2021

- Developed Cisco Packet Tracer assignments to support curriculum for high school cybersecurity students.
- Mentored CyberPatriot teams in system hardening and troubleshooting across Windows, Windows Server, and Linux environments.

EDUCATION/CLEARANCE

University of Maryland

Remote (Denver, CO)

B.S. in Computer Science

May 2024

- Coursework: Networking, Data Structures & Algorithms, Databases, Software Design Principles, Java, Computer Architecture

Pikes Peak Community College

Colorado Springs, CO

A.S in Cybersecurity

December 2022

- Coursework: Networking, Secure Coding, Security Compliance, Linux, Cloud Computing Concepts

A.A. in Business

May 2021

- Coursework: Business Management, Business Communication, Business Law, Statistics

Current Clearance Level: Top Secret/SCI

CompTIA Security +

(April 2025 – April 2029 Renewed)

PROJECTS

Eatrove.co | (Finding what the Locals Like)

Tech Stack: Next.js, Python (FastAPI, asyncio), Supabase (PostgreSQL)

Problem: Food review apps have overall ratings, making it hard to find what locals enjoy, especially when taste is the priority.

Solution: Leveraged AI and APIs to generate smart, taste-focused food recommendations based on local sentiment.

Skills Demonstrated: Full-stack web development, async API design, AI integration, PostgreSQL querying, product thinking.

Seed-ly.com | (The Best Local Seed Aggregator) Stack: Next.js, Supabase, Python

Problem: Growing plants as a new gardener can be hard, finding the right seeds for your climate.

Solution: Built a web app that recommends seeds based on user survey responses, linking to local farmers via location data.

SKILLS

Programming: React (Next.js, Native), JavaScript/TypeScript, Python, Java, FastAPI/RESTful, Baml, Prisma, Git, CI/CD, Tailwind

Scripting & Automation: Bash, Python, Ansible, PXE Booting, AI Agent Workflows

DevOps: Unix (Ubuntu, Solaris, RHEL 7/8), VM & Cloud Infra, Secure coding (Java/Python), Automated compliance (Ansible)