

# Vishwa Prakash Choudhary

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## EDUCATION

**University of California, Davis** - Expected Graduation: June 2026

Bachelor of Science in Computer Science

- Computer Networks, Cryptography, Operating Systems

**De Anza College** - Associate's degree, Computer Science

Sep 2022 - June 2024

## WORK EXPERIENCE

**Tenacity Solutions** - Sales Specialist

June 2025 - Sep 2025

Sacramento, CA

- Drove revenue by engaging with customers, identifying their needs, and providing tailored product solutions to boost satisfaction and retention.
- Regularly handled Sensitive Personal Information (SPI) and Sensitive Personally Identifiable Information (SPII) from customers, ensuring all data was processed securely in compliance with company privacy protocols.
- Maintained customer trust by following secure data-handling procedures, ensuring zero incidents of information leakage.
- Gained familiarity with secure data practices and customer trust management.

**ISHONI DEVELOPMENT GROUP** - Help Desk

Dec 2022 - Jul 2023

San Jose, CA

- Oversaw secure access to 500+ sensitive records, ensuring 100% compliance with confidentiality standards and safeguarding financial data.
- Monitored official email channels to flag potential phishing attempts and suspicious links, helping prevent data breaches.
- Facilitated 15+ vendor meetings to ensure compliance with data security policies during contract negotiations.
- Reduced potential phishing exposure by 30% through employee awareness and monitoring initiatives.

## PROJECTS

**Cloud Security Hardening (AWS)**

- Deployed and secured AWS infrastructure with proper IAM role configurations, least privilege policies, and multi-factor authentication.
- Implemented S3 bucket encryption, CloudTrail monitoring, and GuardDuty threat detection for continuous visibility.
- Automated security checks using Python and AWS CLI to identify misconfigurations and enforce compliance baselines.
- Gained hands-on experience in cloud governance, auditing, and DevSecOps best practices for secure deployments.

**Wireshark Network Traffic Analysis**

- Captured and analyzed network traffic using Wireshark to detect insecure communication over protocols such as FTP and HTTP.
- Identified security flaws, including plaintext credential exposure and DNS request leaks.
- Compiled a professional report summarizing findings, protocol behaviors, and recommended mitigations.
- Developed foundational packet inspection and protocol analysis skills used in SOC and threat hunting roles.

**Virtual Security Lab (Attack & Defense Simulation)**

- Built a virtual cybersecurity lab using Kali Linux, Metasploitable2, and Security Onion to simulate real-world attack and defense scenarios.
- Conducted vulnerability scanning, exploitation, and incident detection using tools like Nmap, Metasploit, and Snort.
- Configured Splunk dashboards to visualize alerts, network logs, and intrusion patterns.
- Strengthened understanding of penetration testing, log correlation, and incident response workflows.

## TECHNICAL SKILLS

Python, Bash scripting, Wireshark, Kali Linux, Splunk, Security Onion, AWS (IAM, S3, CloudTrail, GuardDuty), Networking fundamentals, Log analysis, Linux system administration, Virtualization (VirtualBox/VMware), Office 365, TeamViewer (remote-desktop tool)

## CERTIFICATIONS

- Foundation of Cybersecurity(Google)
- Play it Safe: Manage Security Risks(Google)
- AIG - Shields Up: Cybersecurity Job Simulation