

# Satya Jagadeesh Kodela

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## Professional Summary

Highly motivated graduate with a Postgraduate Certificate in Computer and Information Sciences from AUT, seeking an entry-level role in Cyber Security or Network Operations in New Zealand. Skilled in Networking (CCNA/CCNP), Cloud (AWS), and Cyber Security (OWASP Top 10, Penetration Testing). Completed hands-on projects and virtual internships demonstrating practical, secure solutions and technical problem-solving.

## Virtual Experience & Job Simulations

### Cyber Job Simulation | Deloitte Australia (Forage)

Jun 2025

- Completed a cyber job simulation analysing web activity logs and user behaviours.
- Supported a client through a simulated cyber breach, providing incident analysis.
- Identified suspicious activity and recommended appropriate investigation steps.

### Cyber Security Management Virtual Internship | ANZ Australia (Forage)

Sep 2024

- Completed a threat simulation to identify cybersecurity risks for a financial institution.
- Investigated and reported suspicious email data to strengthen phishing and social engineering knowledge.
- Analyzed Packet Capture (PCAP) files to detect potential network threats and anomalies.

### Cybersecurity Virtual Experience Program | Mastercard (Forage)

Apr 2024

- Served as an analyst in Mastercard's Security Awareness Team.
- Reported phishing and social engineering threats through internal communication systems.
- Developed enhanced awareness strategies and designed employee training modules.

### Excel Skills Job Simulation | JPMorgan Chase & Co. (Forage)

Feb 2024

- Gained proficiency in Excel data analysis, cleansing, and automation techniques.
- Built macros using VBA and integrated them with dashboards for process automation.
- Created engaging data visualisations and presentations to convey insights effectively.

## Education

### Auckland University of Technology (AUT)

Mar 2024 - Oct 2025

Postgraduate Certificate in Computer and Information Sciences

Auckland, NZ

- Hands-on forensic investigations using Autopsy, Foremost, Scalpel, and PhotoRec; submitted court-style report.
- Applied forensic scripting techniques to recover, analyze, and present hidden or deleted data.
- Case study on Tech Mahindra's IT strategy and cybersecurity frameworks.

### Andhra University

2021 - 2024

Bachelor of Science (Computer Science)

Visakhapatnam, India

## Key Skills

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**Cyber Security:** Vulnerability Assessment, Penetration Testing, OWASP Top 10, Cryptography, Social Engineering, IDS/Firewall Evasion, Honeypot Deployment, Wireshark, SIEM

**Networking:** CCNA/CCNP Concepts, Routing Protocols (RIP, OSPF, EIGRP), Subnetting, VLAN, Inter-VLAN Routing, ACL, NAT, Site-To-Site VPN, Fiber Optics, MPLS

**Operating Systems:** Windows Server (Active Directory, DHCP, DNS, RAID), Kali Linux

**Cloud & Tools:** Amazon Web Services (EC2, S3, IAM, VPC, RDS), Python (Tkinter, LSB), MS Excel (Data Analysis)

## Projects

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Steganography Tool Using Python

- Developed a tool using Python and Tkinter to hide/reveal messages in images using the LSB technique.
- Demonstrated secure communication and image processing skills.

Honeypot Deployment and Analysis

- Deployed a honeypot system in Kali Linux to attract and monitor unauthorized access attempts.
- Analyzed captured traffic and login data to gain threat intelligence and reinforce proactive defense strategies.

WiFi Jammer Using ESP8266

- Engineered a WiFi jammer using an ESP8266 microcontroller to interfere with target signals (ethical simulation).
- Showcased embedded systems and wireless communication skills.

## Licenses & Certifications

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CCNA & CCNP Training Certification, SYSTECH (Apr 2024)

Cyber Security & Ethical Hacking, SYSTECH (Jun 2024)

AWS Certified Solutions Architect, SYSTECH (Aug 2024)

Windows Server MCSE: 2003, SYSTECH (Feb 2024)

Prompt Engineering for Everyone, IBM (Feb 2024)

Python, Kaggle (Apr 2024)

Excel Skills Job Simulation, JPMorgan Chase (Feb 2024)