

# NEELI SAI MAHESH

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## ABOUT

Dedicated cybersecurity professional with hands-on experience in ethical hacking, penetration testing, and cloud security, now transitioning into web development. Skilled in securing systems, analyzing threats, and building secure, user-friendly web solutions. Committed to continuous learning and leveraging technical skills to deliver impactful results.

## EDUCATION

### SRM Institute of Science & Technology

B.Tech in CSE - Cyber Security

#### Sri Chaitanya Junior College

12th - BIEAP

8.61 / 10.0

Sep 2021 – May 2025

91.9%

Jun 2020 – Apr 2021

## INTERNSHIPS

### Cybersecurity Internship

Jun 2025 – Jul 2025

Redynox, Cybersecurity Training

Remote

- Completed a one-month internship focusing on real-world cybersecurity practices including threat detection, cybercrime awareness, and digital infrastructure protection. Demonstrated strong commitment to cyber defense and contributed to building a safer digital world.

## PROJECTS

### Efficient Agriculture Trading Through Blockchain [Project Repo]

Jan 2025 – Apr 2025

(Blockchain, Python, SQL, HTML, CSS, JavaScript, Flask, MySQL)

- Developed a decentralized, blockchain-powered agriculture trading system for transparent, secure, and efficient transactions.
- Integrated smart contracts, immutable ledgers, and cryptographic validation to ensure fraud-proof trading.
- Improved farmer registration and crop tracking with secure, verifiable blockchain entries. Enabled real-time financial transactions validated through high-security blockchain protocols.

### Securing Electronic Health Records [Project Repo]

Jun 2024 – Oct 2024

(Python, HTML, CSS, JavaScript, PostgreSQL, Cryptography)

- Engineered a blockchain-based Electronic Health Record (EHR) system, reducing data breaches by 30% through cryptographic encryption, decentralized storage, and secure authentication protocols.
- Implemented decentralized storage, cryptographic encryption, and secure login mechanisms to ensure data privacy and regulatory compliance.
- Enhanced admin controls and encrypted medical records to restrict access to authorized users, preventing unauthorized data breaches.

### Face Recognition-Based Attendance System [Project Repo]

Jul 2023 – Nov 2023

(Python, NumPy, Machine Learning)

- Implemented an AI-powered facial recognition attendance system, improving tracking accuracy by 95% through deep learning, real-time image processing, and anti-spoofing techniques.
- Developed deep learning models for facial feature extraction and real-time identification.
- Integrated automated attendance logging with anti-spoofing to prevent fraudulent entries.

## CERTIFICATIONS

- Certified Ethical Hacker (CEH)** | EC-Council | Sep 2024 – Sep 2027.
- Oracle Cloud Infrastructure 2024 Foundations Associate** | Oracle | Jul 2024 – Jul 2026.

## TECHNICAL SKILLS

- Programming Languages:** C, C++, Java, Python, HTML, CSS, JavaScript, SQL.
- Frameworks & Libraries:** Flask, React.js.
- Databases:** MySQL, PostgreSQL, MongoDB.
- Cybersecurity Concepts:** Network Security, Cryptography, Malware Analysis, Penetration Testing, Vulnerability Assessment.
- Security Tools:** Nmap, Nikto, Metasploit, Social-Engineer Toolkit (SET), Wireshark, Burp Suite, OWASP ZAP, Splunk, wafw00f.
- Cloud Platforms:** Oracle Cloud, AWS (Security).

## EXTRA-CURRICULAR ACTIVITIES

- Led SRM-Milan College Event as Head | Managed planning and logistics for 1,000+ attendees, overseeing strategic execution and coordination.

## LANGUAGES

- English (Professional Working Proficiency), Hindi (Limited Working Proficiency), Telugu (Native Proficiency), Tamil (Limited Working Proficiency), Japanese (Fundamental Proficiency)