V Sai Daiwik

## [Linkedin: www.linkedin.com/in/vontimitta-saidaiwik](http://www.linkedin.com/in/vontimitta-saidaiwik) Email: [vsaidaiwik@gmail.com](mailto:vsaidaiwik@gmail.com)

[GitHub: github.com/](https://github.com/SaiDaiwikV/)SaiDaiwikV Mobile: +91-9059226639

# Skills Summary

* **Languages**: C++, C, Java
* **Frameworks**: Kali Linux, Wireshark, Burp Suite, Snort, Metasploit, Cryptography (SHA-512, Hashing, Encryption Techniques), Linux Server Management
* **Tools/Platforms**: Ubuntu, Git, GitHub, VS Code, SSMS (SQL SERVER MANAGEMENT STUDIO)
* **Soft Skills**: Leadership, Problem-Solving Skills, Team Player, Communication, Project Management, Adaptability

# Internship

**Summer Internship – Board Infinity** May 2024 – July 2024

### Training

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Developed a strong understanding of algorithmic paradigms, including **Sorting, Searching, Backtracking, Divide-and-Conquer, Dynamic Programming, and Greedy Techniques**.

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Implemented optimized algorithms to improve efficiency in coding challenges.

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**Cyber Security Intern - Corizo** Jan 2024 - Mar 2024

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### Training

Learned cybersecurity concepts, including ethical hacking, penetration testing, and network security, using Kali Linux, Wireshark, and Burp Suite.

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Conducted penetration testing simulations and identified security vulnerabilities in network infrastructures.

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Extracted data from a database via the backend using Kali Linux tools, simulating real-world cyber threats.

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# projects

#### Simple Password Manager: Nov 2024 – Jan 2025

A password manager developed to securely store usernames and passwords. It integrates SHA-512 encryption to enhance password security and prevent unauthorized access. Secure storage and retrieval mechanisms ensure data protection.

**Tech:** Python, Cryptography, SHA-512

#### Network Intrusion Detection System Dec 2023 – Feb 2024

A custom intrusion detection system designed to monitor and analyze network traffic. It automates packet analysis using Python scripts, reducing manual effort and improving response time. The system also implements Snort rules to detect malicious traffic and enhance security measures.

**Tech:** Python, Snort, Wireshark

# Achievements

#### Recognized in LeetCode Weekly Contests: November 2024

Consistently ranked among the top performers in **LeetCode Biweekly and Weekly Contests**, showcasing strong problem-solving skills and algorithmic expertise in competitive programming.

#### Built a CLI-based Library Management System: July 2024

Developed Library Management System using C++ and DSA concepts, integrating **linked lists, trees, and hash maps** to efficiently manage book records.

* **Completed Cybersecurity Internship at Corizo**: April 2024

Gained hands-on experience in **ethical hacking, penetration testing, and network security**, working with **Kali Linux, Wireshark, and Burp Suite**.

# certifications

* Ethical Hacking Essentials (EHE) - Coursera December 2024

# Digital Forensics Essentials (DFE) – Coursera September 2024

* Complete DSA with C++ - Board Infinity July 2024

## Learning Ethical Hacking from Scratch – Udemy June 2023

# Education

**Lovely Professional University** Punjab, India

### Bachelor of Technology - Computer Science and Engineering; CGPA: 7.20 Since August 2022

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***Favorite Courses:*** *Object Oriented Programming, Data Structures, Analysis Of Algorithms, Cyber Security*

**Sri Chaithanya Junior College** Vijayawada, Andhra Pradesh

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### Intermediate; Percentage: 86.30% April 2020 - March 2022

***Favorite Courses:*** *Physics, Chemistry, Mathematics*

**Sri Sai Krishna E.M High School** Kadapa, Andhra Pradesh

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### Matriculation; Percentage: 96% April 2019 - March 2020