

# DAKSHITA VAIRAGI

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## EDUCATION

B.Tech (CSE), 2023 - 2027

**Institute of Engineering and Technology**, Mohanlal Sukhadia University

GPA: 7.0/10.0

## WORK EXPERIENCE

### Cyber Security Intern

May 2025 – July 2025

*CodTech IT Solutions Pvt. Ltd. (Hybrid), Hyderabad, IN*

- Developed and tested Python-based cybersecurity tools including file integrity monitoring, AES-256 file encryption and decryption, web vulnerability scanning (SQL Injection and Cross-Site Scripting), and a modular penetration testing toolkit.
- Applied cybersecurity fundamentals such as secure coding practices, vulnerability assessment, penetration testing, cryptography, and ethical hacking in real-world project environments.

### Python Developer Intern

May 2025 – June 2025

*Codec Technologies (Hybrid), Mumbai, IN*

- Developed two end-to-end Python applications, including a real-time stock market dashboard using Streamlit, Plotly, Pandas, and APIs, featuring live data visualization, technical indicators, auto-refresh, and CSV export.
- Built an AI-powered FAQ chatbot using Python, Flask, and SQLite with smart suggested queries, user interaction logging, and a responsive web interface, gaining hands-on experience in backend development and data handling.

## PROJECTS

### SSL Certificate Configuration & HTTPS Enablement

*Linux, Apache HTTP Server, OpenSSL, SSL/TLS, Bash*

- Implemented end-to-end SSL/TLS security on an Apache web server by generating private keys, creating certificate signing requests (CSRs), and configuring SSL certificates using OpenSSL to enable encrypted HTTPS communication.
- Configured secure Apache virtual hosts, enabled required SSL modules, managed firewall and service settings, and validated HTTPS connectivity to ensure secure and reliable client-server data transmission.

## SKILLS

**Programming Languages:** C, C++, Python, Dart

**Concepts:** Object-Oriented Programming (OOPS), Basics of Data Structures and Algorithms, Software Design, Cybersecurity Fundamentals, Secure Coding, Web Security Basics, Applied Mathematics, Applied Physics

**Frameworks & Technologies:** Flask, Streamlit, Flutter, Android Development

**Databases:** SQLite

**Tools & Software:** VS Code, Android Studio, AutoCAD, StarUML, Turbo C, Git, Linux Command Line, Apache HTTP Server, OpenSSL

**Libraries & APIs:** Pandas, Plotly, Requests, BeautifulSoup, REST APIs

## CERTIFICATIONS AND TRAININGS

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- Introduction to Cyber Security — Simplilearn (2025)
- Introduction to Cybercrime — Simplilearn (2025)
- Flutter Bootcamp — LetsUpgrade (2025)
- AI for Beginners — HP LIFE (2025)
- Python Development Training — Codec Technologies (2025)

## ADDITIONAL ACTIVITIES

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- Attended Google Developer Group (GDG) Udaipur event on *AI for Everyone* (2024)
- Volunteered at Aarohan Youth Festival organized by UNICEF and Diya, Mumbai (2024)
- Served as a tutor during a 15-day Winter Camp conducted by Vidhya Bhawan and Hindustan Zinc Ltd. (2024)
- Represented at the Under-19 Women Kabaddi Competition at district level