AVADHUT BARVE

PURSUING UNDERGRADUATION

PROFESSIONAL SUMMARY

Experienced with project assistance and teamwork. Utilizes strong organizational skills to manage tasks efficiently. Knowledge of effective communication and time management to support team objectives.

CERTIFICATES

Certified as an Internship Trainee under Cybersena (R&D) India Private Limited. for Internship training (June 2023)

EXPERIENCE

Internship: Cybersena (R&D) India Private Limited (Remote) 02/2023 to 06/2023

Successfully completed a project on “SQL Injection on Web Application”

EDUCATION

- Bachelor of Engineering - Jain College of Engineering and Research, Belagavi (Pursuing)
- Diploma in Computer Science - KLS Shri Vasantrao Potdar Polytechnic, Belagavi. (July 2023)

  Cyber Security and Penetration testing, Cybersena (R&D) India Private Limited, Completed (June 2023)

- SSLC- Shri Swami Vivekanand English Medium High School, Khanapur, Belagavi (July 2020)

CONTACT

Address: Bhat Galli, Khanapur, Belagavi, Karnataka

Phone: 8431330816

Email-Id: barveavadhut0@gmail.com

SKILLS

- Introductory Python skills
- SQL database management
- Network traffic analysis
- Proficient in HTML CSS
- Nmap
- Burpsuite
- Wireshark

INTERESTS

- Cyber Security, UI Designing, Photo Editing, Video Editing, Gaming

SOFT SKILLS

- Analytical & problem-solving mindset
- Attention to detail
- Communication skills (writing security reports, explaining issues clearly)
- Teamwork & adaptability

- Continuous learning attitude (since cybersecurity is evolving fast)

Projects

SQL Injection in Web Application (Cybersecurity Project)

- **Situation:** Web applications often face threats from malicious SQL queries that can compromise sensitive user data.
- **Problem:** The application tested was vulnerable to SQL injection attacks, allowing unauthorized access to the backend database.
- **Action:** Analyzed the web application's input fields, simulated SQL injection attacks, and implemented security measures including prepared statements, input validation, and parameterized queries.
- **Result:** Successfully secured the application by eliminating injection vulnerabilities, improving database security, and enhancing awareness of secure coding practices.

Agrivision (Smart Agriculture Project)

- **Situation:** Farmers often face challenges in monitoring crop health, soil conditions, and predicting yields due to lack of real-time insights.
- **Problem:** Traditional methods of crop monitoring are time-consuming, less accurate, and do not provide predictive analysis for better decision-making.
- **Action:** Designed a smart agriculture system using **IoT sensors and computer vision** to collect real-time data (soil moisture, temperature, crop images). Applied **machine learning models** for disease detection and yield prediction, and built a dashboard for visualization.
- **Result:** Improved crop monitoring efficiency, reduced manual effort, and enabled data-driven decisions that increased productivity and resource optimization.