

CYBERSECURITY!!!



Application Security

Protecting software applications from threats and vulnerabilities throughout their development, deployment, and maintenance.

Key Concepts

1. Secure Coding Practices
2. Common Vulnerabilities
3. Security Testing in Code

Mariavictoria

What I Want to Learn

Coding Techniques for Application Security

- Use of Frameworks
- Parametrized Queries/ Prepared Statements
- Proper Cryptography
- Secure APIs
- Code Reviews

Practices:

- Follow the Principle of Least Privilege
 - Ensure users, processes, and applications have the minimum necessary access rights
- Regular Patching and Updates
 - Keep all software libraries, dependencies, and applications up-to-date with security patches.
- Security Training
 - Developers should receive training in secure coding practices to stay informed on the latest threats and mitigation strategies.

