EVOMIND INTELLIGENCE INC.

Cybersecurity Fundamentals for Developers

OWASP Top 10, authentication security, encryption, penetration testing basics, and secure coding practices.

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Program Overview

PRICE	DURATION
$4,100	6 weeks
FORMAT	**LEVEL**
Hybrid	Intermediate

OWASP Top 10, authentication security, encryption, penetration testing basics, and secure coding practices. This professional track is structured for adult learners who need practical, career-relevant depth without academic abstraction. Delivered as a hybrid experience, the course combines guided milestones, implementation reviews, and applied exercises aligned with modern AI, engineering, and technical leadership work.

What You Will Learn

- Identify common application security risks before they ship.
- Implement stronger authentication, authorization, and data protection patterns.
- Understand practical encryption and secrets handling decisions.
- Adopt a secure coding mindset in everyday development work.

What Is Included

- 6 hybrid weeks of security labs and code review exercises.
- OWASP-focused exercises and threat modeling worksheets.
- Authentication and encryption pattern reference guides.

- Secure release checklist for modern web applications.

Weekly Syllabus

WEEK 1

Security Mindset for Builders

Shift from reactive patching to proactive secure design habits.

Topics: Threat modeling, Attack surface, Security culture

WEEK 2

OWASP and Web App Risk

Analyze the most common categories of application vulnerability.

Topics: Injection, Broken access control, Security misconfiguration

WEEK 4

Auth, Encryption, and Secrets

Protect identity, sessions, and sensitive data across application layers.

Topics: Passwords, Tokens, Encryption basics

WEEK 6

Testing and Hardening

Use practical testing patterns and safer defaults to reduce risk before release.

Topics: Security testing, Dependency hygiene, Secure coding review

Instructor

Riley Morgan

Riley is a security engineer focused on helping product teams build safer software without slowing delivery velocity.

This EvoMind syllabus is an admissions overview for planning and evaluation. Final cohort dates, live session timing, assessments, and platform access details are shared in the welcome packet after enrollment.

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