05

Live · Course 05 of 08

Secure Code Review

Read code like an attacker and fix it like a defender: input validation, authentication, authorization, cryptography, error handling, sessions and common web flaws.

AT A GLANCE

Language
Telugu

Certificate
On completion

AFTER THIS COURSE

- [x] Spot vulnerabilities by reading backend code
- [x] Recommend the exact code fix, not just the finding
- [x] Fit code review into the development lifecycle

TOOLS YOU'LL USE

Static analysis tools · OWASP Top 10 · CWE · Secure coding standards

SYLLABUS · 11 MODULES · 48 TOPICS

01 Understanding Backend Code Issues — 4 topics

- Authentication bypass and the reason behind it
- Fixing code to prevent authentication bypass
- Direct object reference issues and fixes in code
- Backend directory leaks and keeping them safe

02 Fundamentals of Software Security — 3 topics

- Basics of secure software development
- Common security principles and best practices
- The OWASP Top 10 from a developer's view

03 Code Review Methodology

3 topics

- Establishing a structured review process
- Techniques for reviewing code effectively
- Code review in the software development lifecycle

04 Secure Coding Guidelines & Standards

3 topics

- Coding standards and secure coding guidelines
- Industry standards such as CWE
- Applying secure coding practices

05 Static Analysis Tools

3 topics

- Introduction to static analysis for code review
- Configuring popular code analysis tools
- Analysing results to find real vulnerabilities

06 Basic Code Review Testing

6 topics

- Input validation
- Authentication
- Authorization
- Cryptography
- Error handling
- Session management

07 Secure Authentication & Authorization

3 topics

- Reviewing authentication and authorization mechanisms
- Common authentication vulnerabilities
- Secure session management and access control

08 Secure Data Handling

3 topics

- Secure storage and encryption
- Input validation and sanitisation
- Preventing sensitive data exposure

09 Error Handling, Logging & Configuration

4 topics

- Error handling vulnerabilities
- Secure logging practices
- Secure configuration management
- Common misconfigurations and their impact

10 Challenges & Remediation

3 topics

- Practical code review exercises
- Recommending remediation
- Communicating findings and mitigations

11 Common Vulnerabilities in Code

13 topics

- CSRF
- Cookie hijacking
- Error handling
- IDOR
- LDAP injection
- LFI and RFI
- Directory and path traversal
- Open redirection
- SQL injection
- SSRF
- Password storage
- Session hijacking
- XSS

Ready to start Secure Code Review?

Free live demo: Saturday 6:00 – 7:00 PM · Sunday 11:00 AM – 12:00 PM · Sunday 7:00 – 8:00 PM (IST). Reply **DEMO** on WhatsApp.

+91 81250 59380 · Call or WhatsApp

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Scan for this course

SecuEyes

YOUR INSTRUCTOR

Taught by a hacker who investigates cybercrime.



Every class is taught by **Chaitanya Eshwar Prasad**. He doesn't teach from slides: he teaches what he does every week, investigating real cybercrime cases and finding real vulnerabilities.

He started exploring technology in 7th class and was hunting security bugs by 10th. Today he supports cybercrime investigations as a forensic investigator, holds national records for his work, and has taught thousands of students on campus and through his Telugu YouTube channel.

7+	100+	33K+	9+
Years in cybersecurity	Bugs reported & secured	YouTube learners	Campuses as guest speaker

Anisetti Chaitanya Eshwar Prasad
Founder & Lead Instructor, Secueyes

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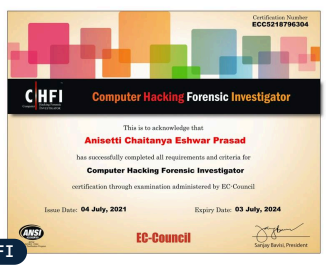
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