Jaipur Engineers
Your One-Stop IT & Staffing Ecosystem

CYBER SECURITY

# Ethical Hacking

SAMPLE PROJECT

Security Assessment Review



COURSE FEE

**Fee on enquiry**

JAIPUR, RAJASTHAN

**+91 70146 92039**

Ethical Hacking

# Core concepts



01 Ethics, authorisation and assessment boundaries

02 Network, host and application security fundamentals

03 Threat modelling and exposure review

**Review the scope**

Identify assets and trust boundaries in a supplied scenario.

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# Applied skills

- **Assets**
- **Controls**
- **Evidence**



04 Interpreting vulnerability evidence and risk scores

05 Mitigation selection and secure configuration

06 Report writing, disclosure and retest planning

**PROJECT DELIVERABLES**

A security review, prioritised mitigations and the evidence needed to verify each fix.

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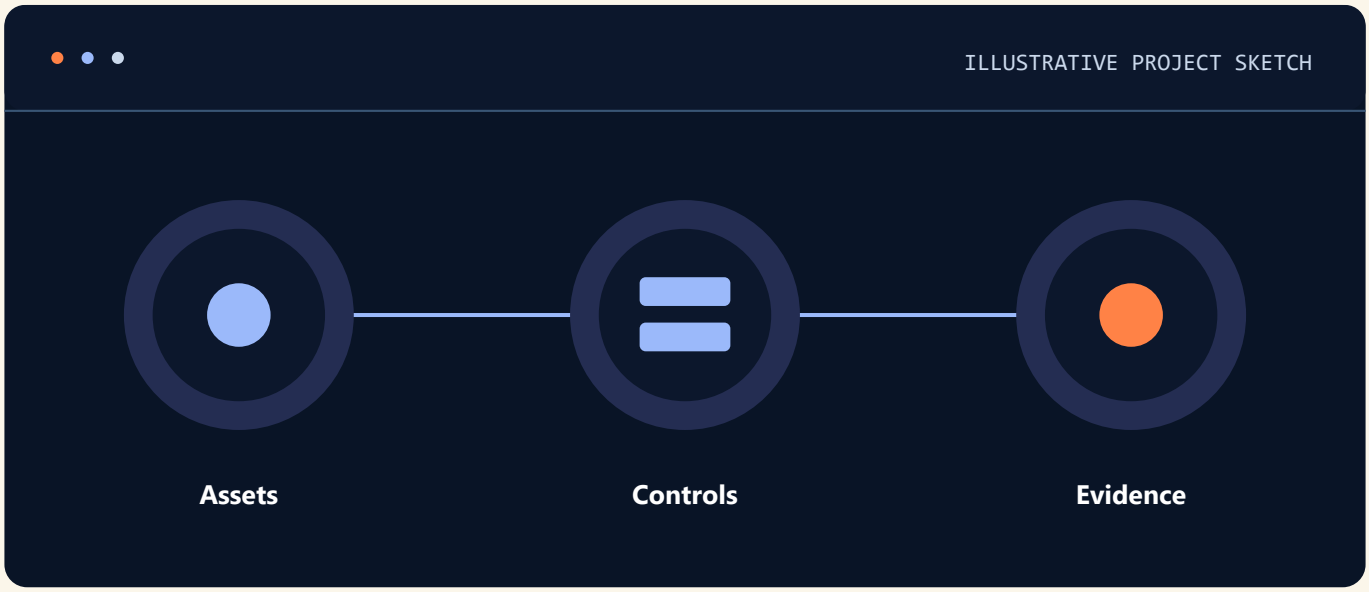
# Portfolio project

## Security Assessment Review

Use supplied findings to prioritise fixes, prepare an assessment report and define evidence for retesting.




### Review the scope

Identify assets and trust boundaries in a supplied scenario.

### Prioritise fixes

Rank the supplied findings and describe evidence for verifying each mitigation.

A security review, prioritised mitigations and the evidence needed to verify each fix.

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# Course fees

COURSE FEE

## Fee on enquiry

Ask admissions for the course fee, available batches and enrolment details.

ADMISSIONS

**+91 70146 92039**

info@jaipurengineers.com

122/228, Indra Path, Thadi Market

Mansarovar, Jaipur, Rajasthan 302020

SCAN FOR MAP

**Check course details**

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# Course content

MODULES 01–02

## 01

Lessons & practice

- Ethics
- Authorisation
- Assessment boundaries

HANDS-ON

Write an assessment scope with authorisation, communication and stop conditions.

## 02

Lessons & practice

- Network
- Host
- Application security fundamentals

HANDS-ON

Review a sample architecture and identify appropriate host and application controls.

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# Course content

MODULES 03–04

## 03

Lessons & practice

- Threat modelling
- Exposure review

HANDS-ON Map assets and trust boundaries using a sample design.

## 04

Lessons & practice

- Interpreting vulnerability evidence
- Risk scores

HANDS-ON Interpret supplied findings and explain severity, impact and evidence gaps.

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# Course content

MODULES 05–06

## 05

Lessons & practice

- Mitigation selection
- Secure configuration

HANDS-ON Propose fixes and define criteria a defender can use to verify each fix.

## 06

Lessons & practice

- Report writing
- Disclosure
- Retest planning

HANDS-ON Write a responsible disclosure and retest plan from a supplied case file.