Introduction to DevSecOps

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Security automation is the automatic handling of software security
assessments tasks. This course helps you to build your security automation framework to scan for vulnerabilities
without human intervention.

By the end of this course, you will be confident implementing automation security in all layers of your software
development stages and will be able to build your own in-house security automation platform throughout your
releases.

Labs

1. The Scope and Challenges of Security Automation (No Lab)
2. Integrating Security and Automation
3. Secure Code Inspection
4. Sensitive Information and Privacy Testing
5. Security API and Fuzz Testing
6. Web Application Security Testing
7. Android Security Testing
8. Infrastructure Security
9. BDD Acceptance Security Testing
10. Project Background and Automation Approach (No Lab)
11. Automated Testing for Web Applications
12. Automated Fuzz API Security Testing
13. Automated Infrastructure Security
14. Managing and Presenting Test Results
15. Summary of Automation Security Testing Tips (No Lab)