

Abdulah Proho

Security Engineer & Full-stack Developer

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SUMMARY

Security engineer and full-stack developer with professional software development experience since 2018. Currently SecOps Lead at Circeus, performing source-code security audits, penetration testing and application security assessments, with a background in building and modernizing commercial Shopify applications.

EXPERIENCE

SecOps Lead - Circeus

May 2025 – Present

Application security work across a portfolio of more than 50 applications, as part of the company's security and engineering teams.

- Perform source-code security audits
- Conduct penetration testing and application security assessments
- Support security improvements across a portfolio of more than 50 applications
- Identify and assess vulnerabilities
- Recommend improvements to application security controls
- Improve security practices within software development processes
- Develop and improve security-related tooling
- Draft security policies
- Help development processes adapt to security challenges introduced by AI-assisted software engineering

Senior Full-stack Developer - ShopCircle

Aug 2023 – May 2025

Worked on established Shopify applications, building functionality, maintaining existing systems, modernizing legacy code, fixing bugs, and improving performance and security.

- Mentoring junior developers
- Participating as a guest speaker in an internal developer talk

Accentuate Custom Fields (Aug 2023 – Aug 2024)

Modernized a legacy application through frontend migration, React adoption, performance work, bug fixes, and feature development.

Releasit COD Form & Upsells (Aug 2024 – May 2025)

Built a replacement React-based Shopify storefront extension, rewriting an approximately 20,000-line legacy extension while introducing new functionality, configurability, and security improvements.

Technologies: React

Full-stack .NET Developer - Ankeboot

Aug 2021 – May 2023

Full-stack software development using .NET technologies.

Technologies: .NET, C#

Freelance Developer - Self-employed

2018 – 2021

Independent software development for clients found through Upwork and other freelance platforms.

KEY COMPETENCIES

Application Security

Web application penetration testing, Source-code security auditing, Vulnerability research, Application security reviews, Secure development practices, Vulnerability assessment, Security tooling

AI and Developer Tooling

AI-assisted application development, Developer productivity tooling, Local and self-hosted AI systems, AI content production workflows

Backend Engineering

Node.js, Go, .NET / C#, Python, API development, Databases

Frontend Engineering

React, TypeScript, JavaScript, HTML and CSS, Next.js, Tailwind CSS

CERTIFICATIONS

OSWA - Offensive Security Web Assessor	OffSec 2024
https://credentials.offsec.com/c48af26a-1ddd-4b51-abe1-5087bf2256bb	
OSWE - Offensive Security Web Expert	OffSec 2025
https://credentials.offsec.com/cc95533d-3202-49e0-916a-f4c7a550587b	

SECURITY RESEARCH

Broken object-level authorization across organization and project resources	GHSA-535f-x3hw-p4p8
https://github.com/tolgee/tolgee-platform/security/advisories/GHSA-535f-x3hw-p4p8	
Slack bot-event signature verification bypass	GHSA-4mw7-vff5-96jj
https://github.com/tolgee/tolgee-platform/security/advisories/GHSA-4mw7-vff5-96jj	

SELECTED PROJECTS

BPL3	Programming Languages
A statically typed compiled programming language targeting LLVM, exploring native compilation, modern language features, and developer tooling.	
https://github.com/pr0h0/bpl3	
OpenManga	AI / Developer Tools
A self-hosted platform for creating AI-generated manga, manhwa, webtoons, and narrated video content through structured story planning, image generation, character references, narration, and production workflows.	
https://github.com/pr0h0/OpenManga	
CodeGuardian	Security Tools
A local security auditing tool combining static analysis, existing security scanners, AI-assisted source review, vulnerability triage, and structured reporting.	
https://github.com/pr0h0/CodeGuardian	
ExposeGuard	Security Tools
An infrastructure exposure validation platform: it checks whether each service is reachable from where it should be — and only from there.	

EDUCATION

Logos, Mostar	2023 – Present
Bachelor's level, 180 ECTS (not yet awarded) - Awaiting final defense	
Transferred in 2023. Awaiting defense of the third-year final project.	
Faculty of Information Technologies (FIT), Mostar	2016 – 2023
Not completed	
Studied at FIT before transferring to Logos in 2023.	