

AYTHAMI MELIÁN PERDOMO

Engineering Manager | Software Architect | Online Application Developer
APIs | PHP | Secure Development | Cybersecurity applied to source | Linux

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HABILIDADES/SKILLS

Development Team Leadership PHP CI/CD DevSecOps

Clean Code Project Management Technical Writing Cybersecurity

Secure Software Development Instant Logical Visualization

RESUMEN/SUMMARY

As a developer with over 20 years of PHP experience, I specialize in leading development teams to create innovative and secure solutions that meet the highest industry standards. My focus on cybersecurity and data protection, combined with a solid understanding of EU/GDPR regulations, has allowed me to lead successful projects in sectors such as finance and healthcare, always ensuring that technical solutions are effective and aligned with the organization's strategic objectives.

With a strong belief in the power of teamwork and collaborative innovation, I am able to take on leadership roles such as Software Architect or Engineering Manager. My ability to translate complex requirements into robust and scalable software architectures allows me to guide developers towards delivering high quality applications, always with a focus on efficiency, security and compliance. My goal is to exceed expectations and contribute to the continued success of the organization through excellence in every project.

EXPERIENCIA ACTUAL/ACTUAL EXPERIENCE

Security Solutions Architect and PHP Software Engineer

04/2014 – Nowadays

Freelance

Under my own brand, CodeSecure Forge, I have led the development of innovative solutions, focusing on the implementation of secure development practices (SDLC) and EU/GDPR compliance. My role includes code auditing, penetration testing and implementation of DevSecOps and Clean Code methodologies to ensure software security and quality. I have worked on multiple blockchain projects in sectors such as finance and healthcare, using advanced security tools such as Burp Suite and SonarQube.

Responsibilities:

1. Development of secure web applications using PHP and associated technologies.
2. Code auditing and review to identify and mitigate vulnerabilities.
3. Implementation of security measures and SDLC practices.
4. Performing penetration testing and security audits.
5. Use of security analysis tools such as Burp Suite, SonarQube and Synk.
6. Compliance with EU/GDPR data protection regulations.
7. Leadership of development teams for cybersecurity projects.
8. Consulting in blockchain projects, assuring integrity and security.
9. Implementation of DevSecOps and Clean Code methodologies.
10. Training and empowerment of organizations in cybersecurity.

DEVELOPED PROJECTS

TrackAlert

Platform for Asset Cyber-Exposure and Online Reputation Management of a given company, simply by indicating the main domain, TrackAlert will perform the cyber-intelligence work that hackers do prior to an attack, locating all the associated and exposed assets, to subsequently generate a report with all the information collected.

URL: N/D | *Propiedad de Lazarus Technology*

Deep Infusion

Platform for Management and Monitoring of Digital Identity and Reputational Risk of individuals and companies. We search the open web and deepweb for the data provided, in addition to locating references or mentions of the desired profile. In this way, the user is able to know the public information about his person or company, and request its removal in case of violation according to current legislation.

URL: N/D | *Propiedad de Lazarus Technology*

PseudoWAF

Basic implementation of a Web Application Firewall (WAF) in PHP, designed to detect and block malicious activity based on the latest OWASP Top 10 rules. This script allows filtering HTTP requests for common vulnerabilities and automatically bans malicious IPs using iptables for 24 hours.

URL: github.com

Computer Product Finder and recognized vulnerabilities

Search engine for information about computer products and obtain their known vulnerabilities. It uses multiple sources and scraping techniques to collect and present the information in detail.

URL: github.com

CyberInsight³⁶⁰ Lite

Reduced application for rapid surface analysis of Enterprise Cyber Exposure and Online Reputation. This application makes use of the Vulnerability Finder tool. A full version is currently planned.

URL: codesecureforge.com

PAST EXPERIENCES

Senior Backend Developer PHP in Lazarus Technology

06/2017 - 04/2024

Freelance

As a Back-End Developer, I play a key role in the analysis, development and implementation of customized cybersecurity solutions for the enterprise, with a focus on EU/GDPR compliance.

+ TRACKALERT: the Enterprise Cyber Exposure Analyzer that analyzes the degree of exposure of a company or institution to cyber attacks or Corporate Identity spoofing, just by indicating the company's main domain.

+ DEEP INFUSION: Platform for management and monitoring of digital identity and online reputation of individuals and companies.

IT Analyst and Software Engineer Online in Atos Origins

06/2013 - 04/2018

Cuenta Ajena

Analysis and Development of High Performance Online Software for 4th level LOPD client, establishing the client at the forefront of technology in the Health System. For this, after gathering requirements and precise documentation, a multidisciplinary team is formed for the use of PHP7 + Java technology and Distributed Databases (Blockchain tech) in Linux environments.

Senior Desarrollador in IECISA

11/2005 - 05/2013

Cuenta Ajena

Analysis, development and management of online software for the management of continuous training of teachers of the Autonomous Community of the Canary Islands and the Principality of Asturias. The online software manages all aspects related to the continuous training of professionals, from the application and merits for access to the issuance of certificate and notification to HR for salary review.

FORMATION

**Téc. Sup. en Administración de
Sistemas Informáticos**
en IES Roque Amagro

**Grado en
Ingeniería de Informática**
en UOC
2023 - nowadays

PUBLICACIONES

Manual práctico de Seguridad en PHP 8.x: Protegiendo Aplicaciones Web Contra Amenazas

Amazon

Domina los principios fundamentales de la seguridad en PHP con este completo manual práctico. Escrito por expertos en desarrollo web y seguridad cibernética, este libro te guiará a través de las mejores prácticas y técnicas para proteger tus aplicaciones web contra amenazas como inyección SQL, Cross-Site Scripting (XSS), Cross-Site Request Forgery (CSRF) y más.

Con ejemplos de código detallados, consejos prácticos y estrategias efectivas, este manual te equipará con los conocimientos necesarios para fortalecer la seguridad de tus aplicaciones PHP. Aprenderás a implementar consultas preparadas para prevenir inyecciones SQL, a proteger tus formularios contra ataques XSS y CSRF, y a almacenar contraseñas de forma segura utilizando técnicas de cifrado robustas.

URL: <https://www.amazon.es/Manual-pr%C3%A1ctico-Seguridad-PHP-8-x-ebook/dp/B0D2C3CXM9/>

CERTIFICATIONS

Agilidad y Estrategia Empresarial

La agilidad estratégica es una de las habilidades que más se demandarán en los próximos años. Los jefes y directivos, que deben tomar decisiones y gestionar una parte de la organización, se encuentran en un ambiente complejo y cambiante. Con esta metodología y habilidad, podrán centrarse en sus tareas y completarlas de manera más productiva. Además, les será posible corregir las desviaciones invirtiendo menos tiempo y dinero.

[Ver Credencial](#)

Liderazgo para el desarrollo de Proyectos de Software

El manejo y liderazgo de equipos de software es un arte que requiere de formación. En este curso aprenderás las características que te llevarán a desarrollar tus capacidades como líder, desde las habilidades blandas hasta las del área técnica, para que seas capaz de obtener los mejores resultados junto con tu fuerza de trabajo, cerrando proyectos de manera exitosa y con una alta tasa de satisfacción por parte del propio equipo de desarrollo.

[Ver Credencial](#)

Arquitectura de Software

Un buen arquitecto evalúa los diseños y metodologías propuestos y proporciona comentarios para tener en cuenta el panorama general y todas las necesidades externas. Lee te guía a través de un día en la vida del arquitecto, lo que te permite ver los roles que los arquitectos pueden desempeñar para sí mismos y para los demás. El arquitecto moderno debe tener en cuenta varios principios, y Lee analiza cada uno de ellos. Cubre las habilidades adicionales que necesita desarrollar para convertirse en un arquitecto de software exitoso

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[VER OTROS CERTIFICADOS Y LICENCIAS](#)