



Ir. M. Ardi Wiratama Putra, M.Kom

Software & AI Alignment Engineer
Offensive Security Specialist

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About Me

Since 2016, I have been deeply immersed in Software Engineering, Cybersecurity, and AI Alignment. My journey spans diverse environments from government institutions and enterprise companies to innovative startups where I have built a strong track record as an adaptive problem solver capable of resolving complex real-world business challenges through secure, high-availability digital solutions.

Backed by a Master's degree in Information Systems (M.Kom, GPA 3.98) and a Professional Engineer (Ir.) designation, my technical foundation bridges full-stack engineering (Python, PHP, WordPress) with offensive security (penetration testing, reverse engineering, cryptography) and AI model alignment. Beyond hands-on execution, I possess strong communication skills, enabling me to translate intricate technical concepts and security frameworks into clear, actionable insights for cross-functional teams, non-technical stakeholders, and academic audiences.

Effective cross-role collaboration and rapid adaptability define my approach. I thrive in multidisciplinary teams and quickly master new technology stacks, modern tools, and evolving regulatory standards. Driven by a passion for continuous learning, scientific research, and knowledge sharing on my personal platform, I remain committed to leveraging technology to create a lasting, positive impact on society.

My Skillset

Software & AI Alignment Engineer

HTML

CSS

JavaScript

PHP

Python

WordPress

Laravel

System Architecture

Code Review & Logic Auditing

AI Model Evaluation

Offensive Security

Penetration Testing

Reverse Engineering

Cryptography

Steganography

Obfuscating

OSINT

Vulnerability Assessment

Methodologies & Tools

Agile Scrum

S-SDLC

Git

RESTful APIs

IT Infra Management

My Experiences

Chief Executive Officer (CEO)

PT Nusantara Siber Solusi

January 2025 – Present

- Successfully founded and led corporate strategy, technology direction, and overall business operations.
- Successfully delivered software engineering, AI alignment, and offensive security consulting for clients.
- Successfully conducted penetration testing and cybersecurity protocols, ensuring zero breaches and 99.9% uptime.
- Successfully led and mentored cross-functional engineering and security teams to drive agile delivery.
- Successfully implemented S-SDLC frameworks, technical policies, and compliance with national cybersecurity regulations.

Software Engineer

PT Cemara Berkah Teknologi

January 2024 – December 2024

- Successfully completed 1-3 simple projects every month with high quality.
- Successfully completed 1 large project every 3 months, meeting set targets.
- Successfully managed IT projects, analyzed client needs, and conducted development from project initiation to completion.
- Successfully implemented cybersecurity measures in projects, ensuring freedom from attacks, disruptions, and downtime.

Information Technology Manager

Dinas Kebudayaan dan Pariwisata
Provinsi Sumatera Selatan

January 2022 – December 2023

- Successfully improved website aesthetics to be more attractive, responsive, and user-friendly, increasing visitor numbers by 45%.
- Produced secure websites, preventing attacks, disruptions, and downtime.
- Successfully generated website visit reports showing significant monthly increases.

Software Engineer

PT Lingkaran Sistem Intelektual

January 2021 – December 2021

- Successfully developed and implemented software solutions using Flutter, increasing internal operational efficiency by 20%.
- Involved in user requirements analysis and system architecture design for key projects.
- Successfully performed code optimization and debugging to ensure stable and optimal application performance, reducing critical bugs by up to 15%.
- Actively participated in agile development cycles, ensuring timely project completion and adherence to specifications.

Software Engineer

Cyberigo

June 2020 – November 2020

- Successfully developed a SaaS product within 3 months.
- Successfully implemented cybersecurity into the product, ensuring freedom from attacks, disruptions, and downtime.
- Successfully crafted a company development IT strategy that boosted profits by 22%.

Information Technology Manager

PT Hexalabs Kreasi Indonesia

January 2019 – December 2019

- Successfully managed the company's IT infrastructure, ensuring 24/7 system and network availability, decreasing system downtime by up to 10%.
- Implemented cybersecurity policies and conducted regular penetration testing to protect company data and assets, reducing cybersecurity incidents by 25%.
- Led the IT team in technical troubleshooting and provided effective support to all departments.
- Successfully planned and managed the IT budget, ensuring efficient resource utilization with a cost saving of 5%.

Information Technology Manager

PT Cari Lokak Indonesia

January 2018 – December 2018

- Successfully managed all IT operations, including server, network, and data security management.
- Developed and implemented information security strategies for cybersecurity risk mitigation, improving system resilience against cyber attacks by up to 30%.
- Successfully led the project to migrate old systems to a more modern and efficient platform, reducing operational costs by up to 12%.
- Provided technical training to employees to improve digital literacy and compliance with IT policies.

Software Engineer

CV Karya Siber Indonesia

June 2016 – November 2017

- Successfully completed 1-2 simple projects every month.
- Successfully completed 1 large project every 3-6 months.
- Successfully managed several IT projects, analyzed client needs, and led the development team from project initiation to completion.
- Successfully implemented cybersecurity in projects, ensuring application security and problem-free operation.
- Successfully devised company development programs and strategies that increased profits by up to 15%.
- Successfully led and developed a team for a new business unit until it was operational and secured 1-3 projects monthly.

My Education



Hasanuddin University

Bachelor's Degree, Professional Engineer (Ir.) | GPA: 3.54 / 4.00
2026 - 2026



Multi Data Palembang University

Master's Degree, Information System (M.Kom) | GPA: 3.98 / 4.00
2024 - 2026



Multi Data Palembang University

Bachelor's Degree, Informatics (S.Kom) | GPA: 3.57 / 4.00
2015 - 2020

My Scientific Publication

The Design of a Hybrid LSB Steganography Framework with Adaptive Pixel Selection and Chaos Encryption for Social Media Images

Journal Of Computer Networks Architecture and High Performance Computing

Published: 01/05/2026 | DOI: <https://doi.org/10.47709/cnahpc.v8i2.7930>

Sinta 4
Accredited

My Competition Experience



Startup Weekend Indonesia

2nd place winner for creating startup
2019



FIT Competition

Creating app competition in one day
2018



Cyber Jawa 2018

Hacking capture the flag competition
2018



Cyber Jawa 2017

Hacking capture the flag competition
2017



Kontes Robot Indonesia 2017

Legged fire fighting division robot competition
2017



Kontes Robot Indonesia 2016

Dance art division robot competition
2016

My Languages

Indonesian | English | Korean

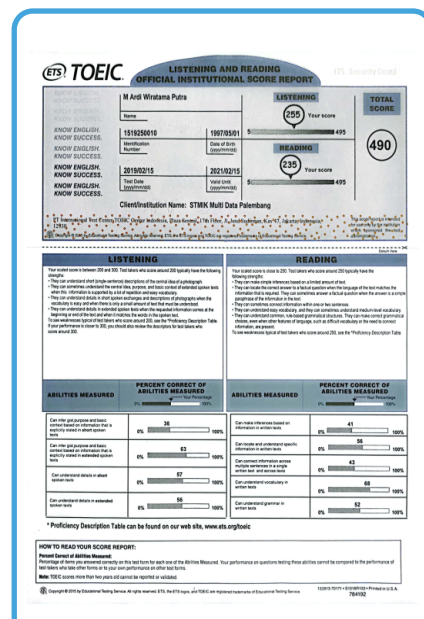
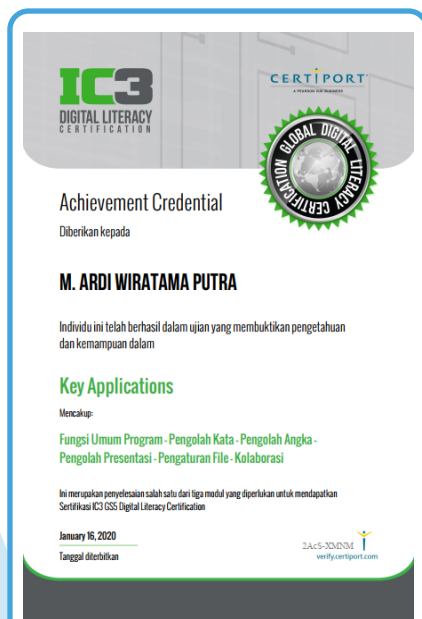
My Certificate



My Certificate



My Certificate



My Portfolio



SIMAK (Sistem Informasi Anak)

Mobile Application, Education Tech
2018

Further information about this project
can be accessed at
<https://ardiewitra.com/portfolio/simak-sistem-informasi-anak/>



My Portfolio



UmSim (Umrah Simulator)

Mobile Application, Virtual Reality
2019 – 2020

Further information about this project
can be accessed at
<https://ardiewitra.com/portfolio/umsim-umrah-simulator/>



Dana Pensiun BSB

Company Profile Website
2024

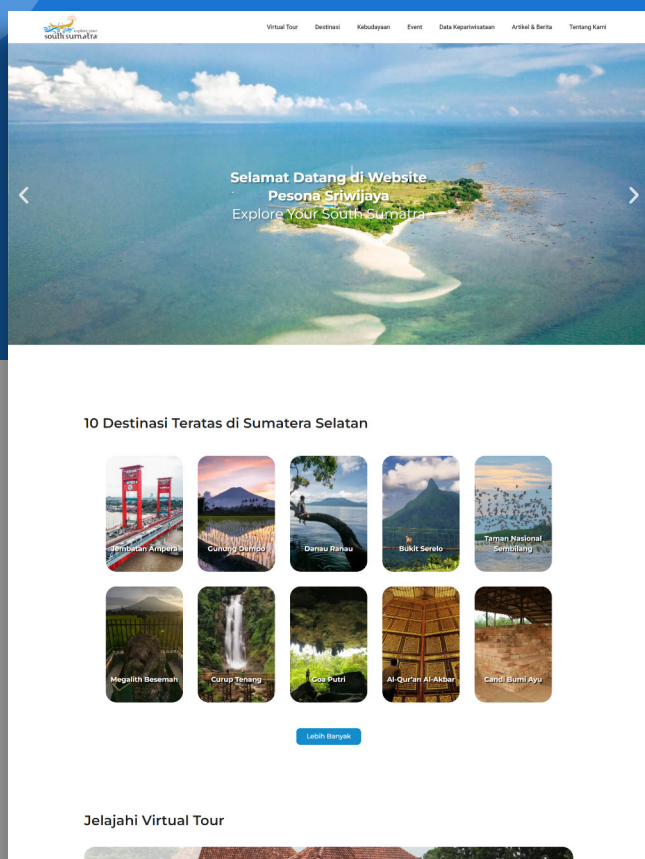
Further information about this project
can be accessed at
<https://ardiewitra.com/portfolio/dana-pensiun-bsb/>



Pesona Sriwijaya

Tourism Promotion Website
2024

Further information about this project
can be accessed at
<https://ardiewitra.com/portfolio/pesona-sriwijaya/>

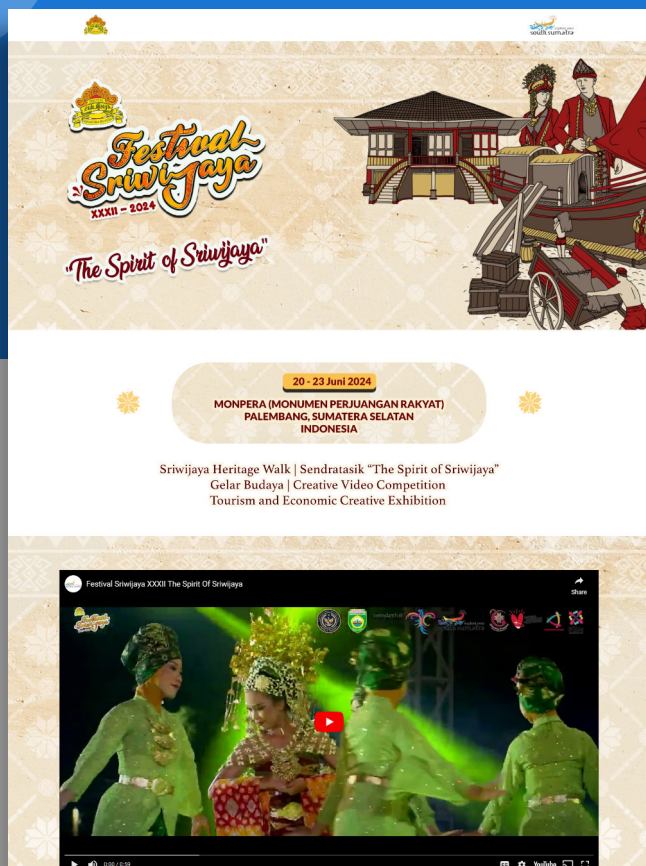


My Portfolio

Festival Sriwijaya

Event Promotion Website
2024

Further information about this project
can be accessed at
<https://ardiewitra.com/portfolio/festival-sriwijaya/>



My Portfolio

Humble Lane

Company Profile Website
2024

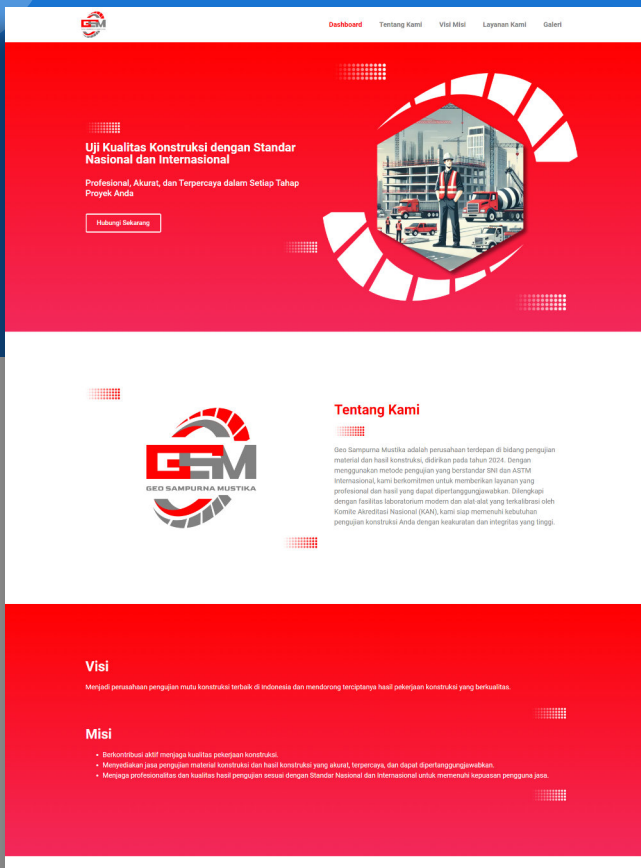
Further information about this project
can be accessed at
<https://ardiewitra.com/portfolio/humble-lane/>



Geo Sampurna Mustika

Company Profile Website 2024

Further information about this project
can be accessed at
<https://ardiewitra.com/portfolio/geo-sampurna-mustika/>

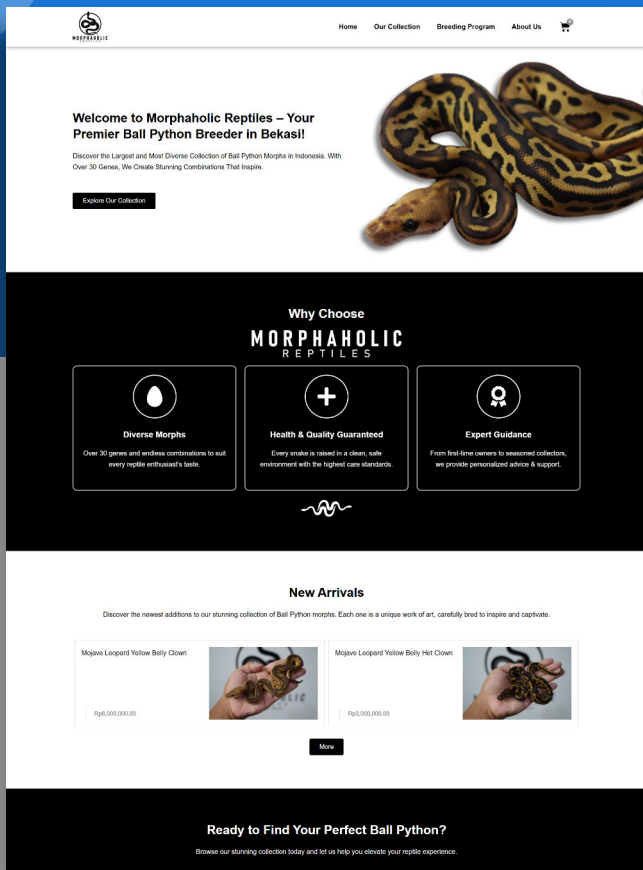


Monbright

Landing Page Website 2024

Further information about this project
can be accessed at
<https://ardiewitra.com/portfolio/monbright/>



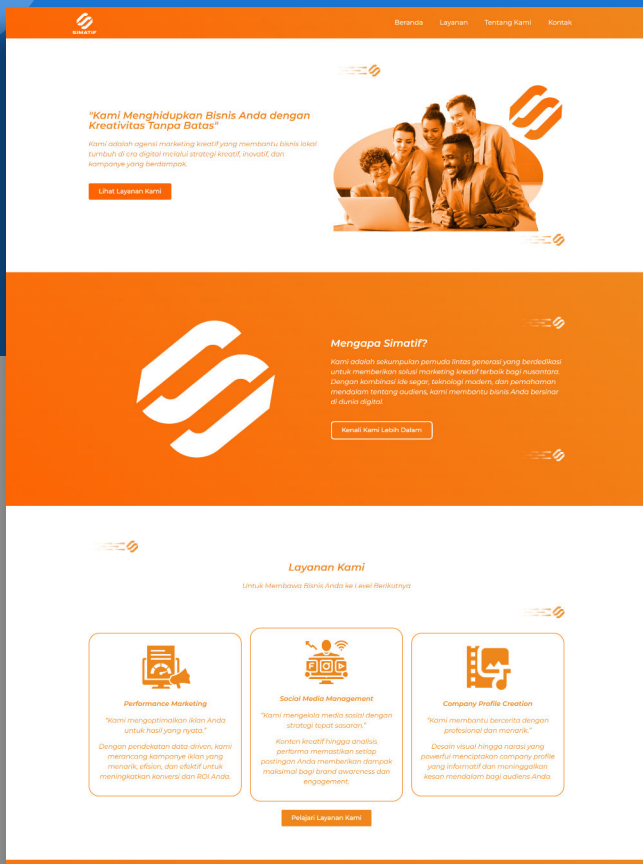


My Portfolio

Morphaholic Reptiles

E-Commerce / Online Store Website
2025

Further information about this project
can be accessed at
<https://ardiewitra.com/portfolio/morphaholic-reptiles/>



My Portfolio

Simatif

Company Profile Website
2025

Further information about this project
can be accessed at
<https://ardiewitra.com/portfolio/simatif/>

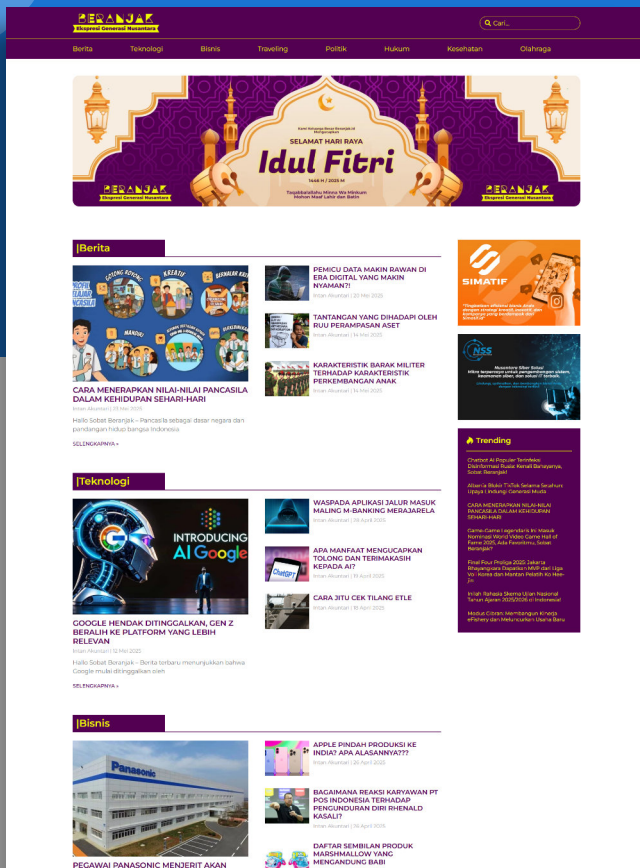


My Portfolio

Beranjak

News Portal / Online Media Website
2025

Further information about this project
can be accessed at
<https://ardiewitra.com/portfolio/beranjak/>



My Portfolio

Clopidea

Landing Page Website
2025

Further information about this project
can be accessed at
<https://ardiewitra.com/portfolio/clopidea/>



PORPROV XV Muba

Sports Event Website
2025

Further information about this project
can be accessed at
<https://ardiewitra.com/portfolio/porprov-xv-muba/>



PEPARPROV V Muba

Sports Event Website
2025

Further information about this project
can be accessed at
<https://ardiewitra.com/portfolio/peparprov-v-muba/>



Charming Palembang

Tourism Promotion Website
2025



Further information about this project
can be accessed at
[https://ardiewitra.com/portfolio/
charming-palembang/](https://ardiewitra.com/portfolio/charming-palembang/)



Thank You

Feel free to contact me for job opportunities, partnerships,
or to discuss ideas.



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