

# Adhwa Moyafi Hartoyo

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## SUMMARY

Enthusiastic Computer Science graduate with hands-on experience in ERP system and web applications development. Actively delving into cybersecurity through security engineering and penetration testing. Proficient in various programming languages and web technologies, with a commitment to continually expanding technical expertise. Valued for adaptability, a solid work ethic, and a collaborative approach to problem-solving, aiming to deliver impactful results in future professional endeavors.

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## EDUCATION

**Jenderal Soedirman University | Informatics | GPA: 3.84/4.00**

*Aug 2021 – Feb 2025*

**Relevant Coursework:** Algorithms & Data Structures, Web Development, Object Oriented Programming, Computer Networking, Data Mining, Machine Learning, Genetic Algorithm, and Digital Forensics.

**Interest:** Software Engineering, Cybersecurity, Machine Learning, Web Development.

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## PROJECTS

### SIKMA | Front-end Web Developer

- Contributed to front-end development of SIKMA, a disaster mitigation and adaptation information system built for Indonesia's Ministry of Forestry, using React and Vite.
- Integrated Leaflet.js to render interactive GIS layers for visualization of disaster-related data.
- Utilized WebGL within Leaflet to offload map rendering to the GPU, ensuring smooth performance.

### Dashboard Visualization Web App | Front-end Web Developer [\[Source\]](#)

- Played a key role in the development of a Web App Dashboard for marketing visualization at PLN UP3 Purwokerto.
- Utilized React JS to create a dynamic and user-friendly interface for data visualization and file management.
- Implemented a system for employees to easily visualize data, store files for socialization purposes, and access customer distribution maps.
- Used Express JS temporarily for data input validation and verification during development.
- Enhanced the efficiency of marketing operations by providing a centralized platform for data and resource management.

### Grocie. | Full-stack Web Developer [\[Source\]](#)

- Played a key role in the development of Grocie., a web-based grocery store offering organic products.
- Leveraged native PHP and JavaScript to create a dynamic and interactive e-commerce platform.
- Undertook full-stack development responsibilities, involving both front-end and back-end development tasks.
- Collaborated with the team to ensure a seamless and user-friendly online shopping experience.

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## EXPERIENCE

### Odoo Developer | PT. Doodex Jaya Makmur

*Apr 2025*

At PT Doodex Jaya Makmur, I design and build custom Odoo ERP modules in Python, craft backend views with XML, and manage data in PostgreSQL. Working closely with clients, I translate requirements into tailored solutions that automate workflows and streamline core business processes.

### Front-end Web Developer | Internship at PLN UP3 Purwokerto

*Jan 2024*

During my internship at PLN UP3 Purwokerto, I was tasked by the marketing division to develop a front-end web dashboard using React JS. I designed a user-friendly interface and integrated it with a temporary Express JS server and Firebase. This dashboard improved the marketing team's efficiency in visualizing financial and customer data, and facilitated easy storage and access to socialization data and customer distribution maps.

### Live Broadcast Technician | Informatics Championship 2021

*Oct 2021*

During the Informatics Championship 2021, I was primarily responsible for preparing and operating the live streaming systems. My duties included setting up and maintaining audio-video equipment, and troubleshooting technical issues in real time. By ensuring smooth, high-quality broadcasts throughout the event, I helped create an engaging viewing experience for remote audiences.

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## CERTIFICATIONS

- [\[Certificate\]](#) **CyberOps Associate, Cisco, 2024:** obtained from Digitalent program for Junior Security Operation Center Analyst.
- [\[Certificate\]](#) **SOC L1 Certificate, Tryhackme, 2025.**

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## SKILLS

**Soft Skills:** Creative, Leadership, Flexibility, Communication, Analytical Thinking, Problem Solving, Teamwork, Collaboration, Reliable, Strong Work Ethic, Time Management, Adaptability, Interpersonal Skills.

**Cybersecurity:** Cyber Threat Management, Endpoint Security Monitoring, DFIR, Threat Emulation, Detection Engineering, Malware Analysis.

**Software Engineering:** Front-end Software Development (HTML, CSS, JS, Bootstrap, Tailwind, Laravel, React JS, Flutter), Back-end Software Development (PHP, MySQL, PostgreSQL, NodeJS, Python, Firebase), WordPress, C/C++.