PRAYOGA SUNGKOWO

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Medan, Indonesia

I'm a passionate Fullstack Web Developer from Medan, Indonesia, specializing in Laravel, JavaScript, and DevOps practices such as CI/CD, Docker, and Cloudflare Tunnel. I recently graduated in Information Technology from Universitas Muhammadiyah Sumatera Utara, where I focused on machine learning with LSTM for stock price prediction. I've developed several web projects like Kasirku 3RPonsel, PalmViews, and Pokdarwis Pantai Merdeka, and I'm also an active member of GDG Medan and Developer Community U.

WORK EXPERIENCES

PT Perkebunan Nusantara IV
Software Engineer Intern
Medan, Indonesia
October 2024 – June 2025

- Assisted in developing and maintaining web-based internal systems for plantation management.
- Worked with Laravel and Blade templates to implement modules for data monitoring and analytics.
- Supported integration between frontend dashboards and backend APIs to improve data accuracy.
- Collaborated with senior engineers to optimize application performance and security on internal servers.

PT Expravet Nasuba
IT Support – Kerja Praktik
Medan, Indonesia
March 2024 – April 2024

- Provided technical support for office network and computer systems.
- Installed and configured hardware, operating systems, and office software for daily operations.
- Assisted in troubleshooting network connectivity and system errors to minimize downtime.
- Helped implement basic data backup procedures for internal documentation.

PT Kynema Systrans Multimedia Infinite Learning | RedHat Certified System Administrator – IBM AI & Cyber Security
Mentee
Batam, Indonesia
July 2023 – December 2023

- Participated in the MBKM MSIB program focusing on Red Hat System Administration, IBM AI, and Cybersecurity fundamentals.
- Learned and practiced Linux server management, AI model deployment, and cybersecurity concepts in real-world case studies.
- Collaborated in group projects to apply IBM Cloud and AI technologies to simulated enterprise environments.
- Enhanced professional and soft skills through continuous mentoring and team-based learning.

EDUCATION

Universitas Muhammadiyah Sumatera Utara Medan, Indonesia
Information Technology, GPA: 3.86/4 December 2021 - September 2025

ORGANIZATIONAL EXPERIENCE

Cyber Security Community Universitas Muhammadiyah Sumatera Utara
Web Development Division Leader March 2023 – January 2024

- Led the Web Development Division, responsible for designing and maintaining internal and public web platforms for the community.
- Collaborated with the Cybersecurity Division to integrate secure coding practices into web projects and workshops.
- Coordinated team participation in national-level CTF competitions such as Gemastik, Cyber Jawara, Compfest, Google CTF, and Ara CTF.

- Organized and led seminars, workshops, and cybersecurity awareness programs to enhance members' technical and security skills.
- Built partnerships with external institutions and assisted in recruitment and mentoring programs to develop new talent in cybersecurity and web development.

Developer Community U

Commmunity Management Lead   **October 2024 – May 2025**
- Led the Community Management Division, overseeing initiatives to strengthen engagement, collaboration, and knowledge-sharing among developer members.
- Planned and managed community programs, events, and sharing sessions, ensuring alignment with organizational goals and member interests.
- Supervised teams responsible for Research & Development, Talent Engagement, and Event Coordination, maintaining quality and consistency in program delivery.
- Built partnerships with external organizations and universities to expand community reach and promote growth opportunities for members.
- Implemented data-driven strategies to evaluate member participation and improve the effectiveness of engagement activities.

Google Developer Student Clubs

Member   **July 2023 – October 2024**
- Actively participated in developer-focused events, workshops, and collaborative projects within the GDSC community.
- Contributed to organizing technical sessions and coding workshops to enhance students' skills in web development and cloud computing.
- Collaborated with other members to develop innovative solutions for campus and community-based tech challenges.
- Supported initiatives in research, content creation, and talent engagement to strengthen the learning ecosystem.
- Engaged with Google technologies and open-source tools to explore modern software development practices.

CERTIFICATIONS

- Certified Developer – Alibaba Cloud, 2024
- Asean Data Science Explorers - SAP Analytics Cloud & SAP Build Apps - ASEAN Foundations, 2024
- Best Collaboration Product - Magang & Studi Independen Bersertifikat (MSIB) Infinite Learning, 2024
- IBM Cloud Essentials - IBM, 2023
- Junior Web Developer, Badan Nasional Sertifikasi Profesi (BNSP), 2023
- Linux System Administration - ADINUSA, 2023
- Building AI Solutions Using Advanced Algorithms and Open Source Frameworks - IBM, 2023

PROJECTS

- **Kasirku 3RPonsel** – *Retail Management System (Laravel)*
- **PalmViews** – *Palm Oil Production Monitoring App*
- **PalmProtection** – *Pest and Fertilizer Monitoring System*
- **Rumah Literasi Ranggi** – *Community Literacy Platform*
- **Pokdarwis Pantai Merdeka** – *Tourism Community Website*
- **J3Logistik** – *(WordPress)*
- **Stock Price Prediction (LSTM Model)** – *Machine Learning Research Project*

SKILLS

Programming: PHP, JavaScript, Python, SQL, C/C++, Java, Shell

Web Development: Laravel, Livewire, React, Vue.js, Node.js, Flask, HTML/CSS, Bootstrap

Databases: MySQL, SQLite, Firebase

DevOps & Tools: Linux System Administration, Git, GitHub, Docker, CI/CD, Cloudflare Tunnel

Cloud & Platforms: Alibaba Cloud, IBM Cloud, SAP Analytics Cloud

Security & AI: Cybersecurity Fundamentals, Red Hat System Administration, Machine Learning (LSTM)

Design & UI/UX: Figma, Canva, Wireframing, User Interface Design, UX Research