

STEVEN JONATHAN

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NETWORKING ENGINEER | CYBERSECURITY ANALYST | SOFTWARE DEVELOPER

Third-year Informatics student at Universitas Multimedia Nusantara with a strong focus on system engineering, networking, and cybersecurity. Actively involved in building simulated infrastructures, managing Linux based systems and configuring networks. In parallel, I also contribute to fullstack web development and software development projects. Passionate about designing secure and scalable systems, and always eager to learn and grow through real-world problem solving and collaboration.

EDUCATION

Universitas Multimedia Nusantara Bachelor of Informatics Engineering	Aug 2023 - Jun 2027 GPA: 3.76/4.00
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SKILLS

Languages & Framework	JavaScript (React, Vue, Inertia), PHP (Laravel), MySQL, Python
Tools & Platform	Linux (Fedora, Ubuntu, RHEL), Git, TailwindCSS, GSAP
Networking	VLAN, Cisco ASA, FortiGate, Network Topology, Firewall Config
Languages	Bahasa Indonesia (Native), English (Professional), Mandarin (Elementary)

ORGANIZATIONAL EXPERIENCE

Head of Technical / Blue Team <i>UMN Cybersecurity Communities</i>	Mar 2025 - Present
· Designed and implemented the network topology for the community's cybersecurity lab, simulating real-world attack and defense environments.	
· Configured secure wireless connections and ensured stable network segmentation for attacker and defender nodes.	
· Installed and maintained various operating systems (Fedora, Kali Linux, Ubuntu, RHEL, Windows) to support lab operations.	
· Participated in Capture the Flag (CTF) competitions, focusing on defensive tactics and system hardening.	
· Provided technical guidance and training for new members in system setup, blue team methodologies, and operational security.	

Research and Development Member <i>HMIF UMN XV</i>	Dec 2024 - Dec 2025
· Conducted research to support the planning and execution of key work programs.	
· Served as Person in Charge (PIC) for company visits, actively reaching out to potential partner companies and managing communication.	
· Assisted in preparing technical equipment such as mixers, projectors, and audio systems prior to internal meetings and events.	
· Collaborated with fellow R&D members to evaluate and improve organizational initiatives through data-driven insights.	

Web Coordinator <i>BYTE 2025</i>	Apr 2025 - Nov 2025
· Coordinated and led the web development team for BYTE 2025, working closely with the visual design and publication divisions.	
· Developed a comprehensive event management system using Laravel and Vue.js, including secure authentication for both users and committee members.	

- Played a key role in leading and shaping the UI/UX design process to ensure a user-friendly and visually consistent interface.

Frontend Developer

Mar 2025 - Nov 2025

UMN Festival 2025

- Contributed to both frontend and backend development of the UMN Festival 2025 web platform.
- Developed dynamic user interfaces using React and Inertia.js for a seamless and responsive user experience.
- Collaborated on backend development using Laravel, focusing on routing, controller logic, and database integration.
- Worked closely with the design and content teams to ensure smooth integration of visuals and data workflows.

Head of Logistics

Jan 2025 - Aug 2025

Perkenalan Prodi Informatika 2025

- Led the logistics division for the Informatics Program Introduction event, attended by new incoming Informatics students.
- Managed procurement and distribution of logistics including consumption, merchandise, and sound systems.
- Coordinated with multiple departments to ensure on-time venue setup, equipment readiness, and smooth event execution.
- Monitored team progress, delegated responsibilities, and ensured alignment with overall event timeline and goals.

Head of Logistics

May 2025 - July 2025

Garuda Hacks 6.0

- Oversaw end-to-end logistics planning for a national-level hackathon event involving participants from various universities.
- Coordinated the setup of event areas including judge tables, demo zones, and rest areas for participants.
- Ensured availability of technical equipment such as routers, projectors, and backup power supplies.

Frontend Developer

Aug 2024 - Nov 2024

Infinite 2024

- Developed a responsive page website using React for Infinite 2024.
- Ensured clean code structure and component reusability for maintainability.
- Collaborated with the design team to implement UI elements according to event branding guidelines.

PROJECTS

BYTE 2025 Website

Laravel, Inertia, Vue

Website: byteumn.com

- Developed and maintained the official website for BYTE 2025 using Laravel with Inertia.js and Vue.
- Implemented role-based authentication and secure access for committee and administrative users.
- Coordinated closely with design and publication teams to ensure visual consistency and usability.
- Optimized UI components for performance and responsiveness.

UMN Festival 2025 Website

Laravel, Inertia, React

Website: umnfestival.com

- Contributed to the development of the official UMN Festival 2025 website as part of the web development team.
- Built dynamic and interactive user interfaces using React and Inertia.js for seamless client-side navigation.
- Ensured responsive design and smooth user experience across multiple devices.

GluCare Mobile Application

Source Code: github.com/stevjoo/glucare

Kotlin, Firebase, TensorFlow Lite

- Developed an Android-based mobile application using Kotlin focused on healthcare assistance.
- Implemented Google Login authentication and Firebase services for user management and data storage.
- Integrated a Machine Learning model using TensorFlow Lite (TFLite) to detect and classify different types of wounds.

- Designed end-to-end data flow between mobile application, ML inference, and backend services.

Arusta Website

Source Code: github.com/stevjoo/arusta-web

Laravel, TailwindCSS

- Developed a web-based service platform for a UMKM photography business using Laravel and TailwindCSS.
- Implemented a clean and responsive user interface to allow users to browse and order photography services.
- Built backend functionality to handle service listings and order submissions.

Infinite 2024 Website

Source Code: github.com/stevjoo/infinite24-web

Laravel, Inertia, React, Bun

- Developed a modern and responsive event website for Infinite 2024 using Laravel with Inertia.js and React.
- Implemented clean component-based architecture to ensure maintainability and scalability of the frontend.
- Utilized Bun as the JavaScript runtime to optimize development speed and dependency management.

COMPETITIONS

Arkavidia 9.0 - Capture The Flag (CTF)

Participant

- Participated in a national-level Capture The Flag (CTF) competition focusing on cybersecurity challenges.
- Solved various categories including Web Exploitation, Cryptography, Reverse Engineering, and Forensics.
- Applied practical knowledge of Linux systems, networking concepts, and security analysis to identify and exploit vulnerabilities.
- Collaborated within a team environment to analyze attack vectors, share findings, and develop effective solutions under time constraints.
- Strengthened problem-solving skills, analytical thinking, and hands-on experience in real-world cybersecurity scenarios.
- Certificate: [View Certificate](#)