

Josafat Anderson Yonain

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EDUCATION

Binus University

Bachelor of Computer Science, Major in Cyber Security

Jakarta, Indonesia

EXPERIENCE

DevOps Engineer

Lacak.io

Sep 2024 – July 2025

Jakarta, Indonesia

- Accelerated development cycles by 65% through designing and implementing automated CI/CD pipelines using GitHub Actions across 15+ software products, reducing deployment time from 2 hours to 45 minutes.
- Orchestrated a robust microservices architecture using Kubernetes, achieving 99.9% uptime and enabling automated scaling for over 20 services while reducing infrastructure costs by 30%.
- Standardized development environments through Docker containerization for 30+ engineers, reducing onboarding time by 40% and eliminating environment-related bugs by 85%.
- Architected and deployed a scalable data lake solution supporting 5 critical applications for a Top Institution, enabling real-time analytics processing of 2TB+ daily data with 50% improved query performance.
- Automated identity card processing by developing an OCR solution with 95% accuracy, reducing manual processing time from 5 minutes to 30 seconds per card and handling 1,000+ cards daily.

Subject Coordinator

Binus University

Sep 2023 – Sep 2024

Jakarta, Indonesia

- Revitalized curricula for 8 courses in cyber security, computer networks, and Linux systems, resulting in 10% improvement in industry certification pass rates and enhanced alignment with current market demands.
- Coordinated and collaborated with subject matter experts and faculty members to design engaging and practical learning materials, assignments, and projects.
- Managed and mentored a team of teaching assistants, fostering a collaborative environment and ensuring effective support for students across multiple courses.
- Implemented a comprehensive performance evaluation system for instructors and teaching assistants, leading to improved teaching quality and student satisfaction across the department.

Software Laboratory Teaching Assistant

Binus University

Sep 2022 – Sep 2023

Jakarta, Indonesia

- Delivered comprehensive lectures and mentorship to 500+ students across 10+ computer science courses, maintaining 99% student satisfaction rating while addressing complex technical challenges.
- Developed and evaluated 200+ assignments, projects, and exams per semester, providing detailed feedback that improved average student performance.
- Enhanced teaching effectiveness by completing 5 specialized development programs in Game Programming, Full Stack Web Development, Desktop Applications, Network Administration, and Mobile Development, directly applying knowledge to improve curriculum delivery.
- Achieved recognition as Best Assistant Candidate and recipient of the Teaching Index Award for outstanding performance in supporting student learning and academic excellence.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, GO, HTML/CSS, PHP, Bash, LUA

Frameworks: NextJS, React, Node.js, Flask, Laravel

Developer Tools: Git, Kubernetes, Docker, GitHub Actions, Google Cloud Platform, AWS, Azure, Jenkins, VMware, TravisCI

SOFT SKILLS

Communication, Teamwork & Collaboration, Problem-Solving, Leadership & Mentorship, Adaptability, Analytical Thinking