

Reynadi Andreas Priesley

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Profile

Computer Engineering student at Telkom University Bandung with a passion for software development and technology innovation. Experienced in multiple programming languages including **C++**, **Python**, **Golang**, and **JavaScript**, with hands-on knowledge of **cloud platforms**, **containerization**, and **modern web technologies**. Proven ability to build scalable applications and work with diverse technology stacks including **Kubernetes**, **Docker**, **AWS**, and **Google Cloud**. Seeking opportunities to apply technical skills and contribute to innovative software solutions.

Education

Telkom University Bandung, BS in Computer Engineering September 2024 – present

- GPA: 3.13/4.0

Certificates

RCNA Routing and Switching View Certificate
Issued by Ruijie Networks – Issue Date: November, 10 2025

Nvidia Deep Learning Fundamentals View Certificate
Issued by NVIDIA Deep Learning Institute – Issue Date: October, 18 2025

Experience

Co Head of Mentor and Curriculum, Google Developer on Campus Telkom University Bandung October 2025 – present

- Collaborated with cross-functional teams to design and implement innovative solutions for developer engagement and community building
- Organized and led technical workshops, hackathons, and events to foster learning and collaboration among university students
- Developed and maintained online resources and documentation to support developer education and community initiatives

Research Collaborator, Telkom University Bandung February 2025 – present

- Developed specialized body tracking instrumentation for fall detection dataset collection, implementing sensor integration and data acquisition protocols to support machine learning research applications
- Calibrated Inertial Measurement Unit (IMU) sensors using advanced ellipsoidal fitting algorithms, ensuring precise motion detection and optimal sensor accuracy for research-grade data collection
- Designed and fabricated custom PCB solutions tailored to unique form factor requirements, optimizing hardware integration and system miniaturization for wearable research applications
- Led cross-functional hardware development team, coordinating engineering efforts and technical implementation strategies to deliver robust research instrumentation within project timelines

Website Development Mentor and Curriculum, Google Developer on Campus Telkom University Bandung November 2024 – October 2025

- Designed and developed comprehensive web development curriculum covering HTML, CSS, JavaScript, and modern frameworks including React.js and Node.js, serving as foundational learning materials for university students
- Mentored 100+ students in web development fundamentals, industry best practices, and hands-on project implementation, fostering practical coding skills and professional development habits
- Guided students through building production-ready projects including responsive websites, full-stack web applications, and professional portfolio sites, preparing them for real-world development challenges

Software Engineer (Freelance), Nusantara Wing Lab, Indonesia March 2023 – present

- Architected and evaluated technology stacks for diverse project requirements, ensuring optimal performance, scalability, and maintainability across web applications
- Deployed, managed, and scaled web applications and databases, implementing robust monitoring solutions

to track project resource utilization and performance metrics

- Led strategic technology stack migrations, analyzing existing systems and implementing seamless transitions to modern frameworks while minimizing downtime and maintaining data integrity

DevOps Engineer (Remote), tako.id - PT. Rumah Kreasi Bersama, Indonesia December 2023 – July 2024

- Mitigated large-scale DDoS attacks handling 64M+ requests using Cloudflare platform, ensuring continuous service availability and optimal performance
- Deployed and orchestrated containerized applications across multiple Kubernetes clusters, maintaining high availability and scalability
- Managed and monitored production Kubernetes environments, implementing best practices for cluster optimization and resource allocation
- Contributed to strategic infrastructure planning and stack migration initiatives, providing technical expertise for architectural decision-making
- Designed and implemented comprehensive CI/CD pipelines, automating deployment processes and reducing deployment time by streamlining development workflows
- Developed Terraform configurations to establish Infrastructure as Code (IaC) practices, ensuring consistent and reproducible infrastructure deployments
- Diagnosed and resolved critical infrastructure issues, maintaining system reliability and minimizing downtime through proactive monitoring and rapid incident response

Technologies

Languages: C++, C, Python, Golang, Rust, Javascript, TypeScript

Technologies: Kubernetes, Docker, Linux, Containerization, Cloudflare, Terraform, Serverless, PostgreSQL, Redis, MongoDB, React, Nextjs, Typescript, AWS, Google Cloud Platform, Embedded Systems, ATMEL, ARM