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

Nvidia Deep Learning Fundamentals   View Certificate

Issued by NVIDIA Deep Learning Institute – Issue Date: October, 18 2025

Experience

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   November 2024 – October
Telkom University Bandung   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