

# Zakaria Wahyu Nur Utomo

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Backend Developer who builds high-traffic systems serving 55M+ monthly impressions. Specializes in Go microservices, API performance tuning (Redis, PostgreSQL), and zero-downtime deployments for national media platforms including Detik.com and iNews.id. Cut backend processing time 25% and maintained 99.9% uptime across 15+ major national events

## Key Skills

- Programming Languages: Go, PHP, JavaScript (ES6+)
- Backend Frameworks: Gin, Fiber, Echo, Laravel, Phalcon, Express.js
- Databases: MySQL, PostgreSQL, Redis, MongoDB, Elasticsearch
- Architecture & Messaging: Microservices, REST API, SOLID, gRPC, RabbitMQ, Kafka
- DevOps: Docker, Git, CI/CD Pipelines (Jenkins/GitHub Actions), Nginx, Grafana, AWS
- Other: Agile & Scrum Practices, Collaboration and Leadership

## Work Experience

**Backend Developer** **Detik.com (PT. Trans Digital Media)** **Mar 2024–Present**  
Jakarta, Indonesia

- Architected 15+ high-traffic national event projects across Detik Network portals (Detik.com, CNN Indonesia, CNBC Indonesia), maintaining 99.9% uptime during extreme traffic spikes
- Architected the backend for flagship projects including HijabHunt 2024 (submissions, finalist voting, and winner announcement systems), ensuring high performance and data integrity under heavy load
- Developed Teman Mudik platform using Go + Laravel. Built high-concurrency personalization engine that dynamically delivered relevant news, SPKLU locations, and rest area facilities based on user travel routes
- Mitigated XSS, RCE & RFI attack vectors across 8 legacy apps, reducing security incident reports by 20%

**Backend Developer** **iNews.id (PT. MNC Portal Indonesia)** **Aug 2021–Mar 2024**  
Jakarta, Indonesia

- Owned and maintained core backend architecture of iNews.id (REST APIs, CMS, Data Pipeline Integration) using Go + PHP, supported 55M+ monthly impressions
- Architected geolocation & user behavior-based news recommendation system using Elasticsearch (real-time processing), MongoDB (user profiles), and Go microservices, delivering personalized content at scale
- Reduced iNews.id backend processing time by 25% by redesigning the Redis caching layer and refactoring complex SQL queries
- Led end-to-end development and successful launch of 3 major strategic projects: Wirausaha Muda Mandiri, Tryout UTBK Okezone, and MG Motor Indonesia Polling Video

**Backend Developer** **Pintar.co (PT. Pintar Pemenang Asia)** **Aug 2020–Jul 2021**  
Bandung, Indonesia

- Engineered and maintained the ELENA CMS using Laravel & CodeIgniter, delivering 70+ key features that streamlined content operations for 1000+ internal users
- Implemented automated unit testing using PHPUnit, establishing a testing pipeline that caught 40% of potential bugs pre-deployment and reduced QA rework time by 25%

**Web Developer Intern** **Directorate of HR Telkom University** **Jan 2020–Jun 2020**  
Bandung, Indonesia

- Developed and successfully implemented a comprehensive career management application using Laravel and CodeIgniter, providing candidate filtering to enhance employee career development and progression
- Collaborated closely with HR staff to integrate user-facing elements with server-side logic, ensuring a cohesive user experience

## Education

- Bachelor of Computer Science**, Binus University (GPA: 3.46/4.00) **Apr 2021–Apr 2023**
- Associate Degree in Informatics Engineering**, Telkom University (GPA: 3.62/4.00) **Jun 2017–Jun 2020**