Dhiandra Irsyad Khalish Athallah Pradika

Full-Stack Web Developer | Laravel, Next.js, Kotlin
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SUMMARY

Informatics student at Gunadarma University, building full-stack web applications with Laravel, Next.js, and MySQL, and Android apps with Kotlin and Jetpack Compose. Public projects include a community photo archive served from private object storage and an authentication system with role-based access control, both covered by tests.

TECHNICAL SKILLS

- Languages: PHP, TypeScript, JavaScript, Kotlin, Python
- Frontend: Next.js, React, Tailwind CSS, Blade, HTML5, CSS3
- Backend: Laravel, REST API, Laravel Sanctum, Supabase
- Mobile: Kotlin, Jetpack Compose, Room, MVVM
- Database: MySQL, PostgreSQL, SQLite, schema migrations
- Testing: PHPUnit, JUnit, Robolectric, node:test
- Tools: Git, GitHub, Postman, Gradle, Android Studio, VS Code

EDUCATION

Gunadarma University | Bachelor of Informatics, 2023 to Present
GPA 3.77 / 4.00

PROJECTS

Karang Taruna 17 Agustus Photo Archive

Next.js 15, TypeScript, Supabase, Cloudflare R2, Tailwind CSS | Vercel
Live: https://www.karangtarunart016.my.id/ | Code: github.com/Amiya23/karang-taruna-photo-archive

- Built a community photo archive with a public gallery per year and an admin panel for uploading, organizing, and cleaning up photos.
- Served photos from private object storage through signed URLs with a TTL cache. An early storage policy allowed anyone to list the bucket, so I rewrote it to block listing while reads still work.
- Moved photo storage from Backblaze B2 to Cloudflare R2 behind a single path and routing layer, so the gallery code did not change when the provider did.
- Made photo deletion safe: storage objects are removed before their database rows, and the delete aborts if storage fails.
- Stripped EXIF metadata with Sharp on upload and set security headers including CSP.

SecureAuth

Laravel 12, Blade, MySQL, PHPUnit
Code: github.com/Amiya23/SecureAuth

- Built an authentication and user management system. A plain login answers whether the password is right, not who is allowed to do what or who changed a record, so the system answers all three.
- Implemented role-based access control through middleware authorization, with an activity log and an admin dashboard for user and role management.
- Covered registration, login, email verification, password reset, and avatar upload, with login rate limiting, password hashing, and CSRF protection.
- Verified the authentication, authorization, and profile flows with PHPUnit feature tests.

ORGANIZATIONAL EXPERIENCE

Gunadarma Esports Championship | Valorant Division Coordinator | 2024

- Led the Valorant division: designed tournament brackets and match systems, and coordinated match operations during the event.