

# Meet Your Last CMS! Next.js x PayloadCMS

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Grafis Nuresa

<https://iamgdev.my.id>



# Grafis Nuresa

- Full Stack Developer
- Pekanbaru Praya
- Whello Indonesia (2018 - Present)
- Universitas Terbuka (2025 - Present)

# Informasi Penting

Semua materi berdasarkan **pengalaman dan pemahaman mandiri** terhadap materi yang dibawakan.

Saya bukan perwakilan entitas manapun.



# CMS Dilemma

Developer ingin code, Bisnis  
ingin kustomisasi. Seringkali  
dua hal ini tidak ketemu.



# CMS Dilemma

Kita semua cinta WordPress,  
tapi...

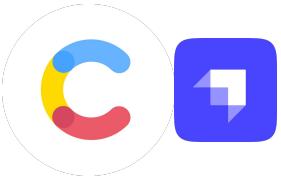
- PHP 
  - Theme or Plugin Bloat
  - Security issues
  - DX???
-



# CMS Dilemma

Kita semua cinta WordPress,  
tapi...

- Theme or Plugin Bloat
  - Security issues
  - DX???
-



# CMS Dilemma

Headless CMS lain?

- Mahal
  - Vendor Lock-in
  - Melelahkan Setup & Integrasi Query Data
-

# Meet the first ever Next.js native CMS

# 3.0



- Moved to Next.js
- No more separate front + backend
- Postgres + SQLite
- Lexical stable
- Overhauled exports
- Server components + server functions



# Payload CMS

1. Schema-as-code & Native support for TypeScript
  2. Instant backend superpowers
  3. Instant REST, GraphQL, and straight-to-DB Node.js APIs
  4. Self Hosted & Open Source
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RBAC

DRAFT & TRASH

PLUGINS

LOCAL API

LIVE PREVIEW

DATABASE  
AGNOSTIC

FIELDS

HOOKS

CUSTOM ADMIN  
UI

EMAIL

# PAYLOADCMS

# NEXT.JS

SERVER  
COMPONENT

DYNAMIC  
ROUTING

RENDERING STRATEGY

SERVER  
FUNCTION

IMAGE

CACHE

SEO METADATA

**Kelebihan PayloadCMS?**

**Next.js dan Ekosistem**

Kekurangan PayloadCMS?

Next.js dan Ekosistem

If you like Typescript,  
you'll love  
PayloadCMS

If you like Next.js,  
you'll love  
PayloadCMS

If you're a Wordpress Dev,

...

If you're a Wordpress Dev,  
you'll love PayloadCMS



# **HEADLESS CMS != WEB BUILDER**

# **PAYLOADCMS === WEB BUILDER**



# Demo Website

<https://iamgdev.my.id>

The screenshot shows a dark-themed profile page. At the top right is a circular profile picture of a man with short brown hair, wearing a dark jacket over a t-shirt. Below the picture, the name "Grafis Nuresa" is displayed in white. Underneath the name are several small icons: a briefcase (Full Stack Developer), an envelope (Email), a laptop (Portfolio), a linked-in icon (LinkedIn), a camera (Instagram), and a gift box (GitHub). The main content area has a dark background with a subtle network graph pattern. On the left, the word "About" is written in white. To the right of "About" is a large block of white text describing the developer's skills and experience. At the bottom left, the word "Experiences" is written in white, and at the bottom right, there is a dark callout box containing the title "Full Stack Developer", the company "Hello Indonesia (Indonesia)", the duration "Full Time — 01 Feb 2022 - Present", and a bulleted list of responsibilities.

## About

Pixel-perfect websites, high performance, and reliable REST APIs that's what keeps our Front-End team happy. Hi, I'm **Grafis Nuresa**. Since 2018, I've been dedicated to crafting seamless digital experiences, balancing both aesthetics and engineering precision. While I consider myself a **Full-Stack Developer**, my passion leans strongly toward the **Front-End**. I've built countless projects using **WordPress** (custom themes and plugins) and web apps with **React**, **Vue**, and **Svelte**, and frameworks such as **Next.js**, **Nuxt**, and **Astro**. In recent years, I've taken a deep dive into **Next.js**, exploring advanced features like App Router, Server Actions, Caching, and edge rendering to push performance boundaries. Alongside that, I integrate **Payload CMS** as my go-to headless CMS, leveraging its TypeScript-based schema, custom blocks, and access control to deliver fully dynamic, developer-friendly content systems. On the **Back-End** side, I'm comfortable designing and maintaining **Node.js** APIs with **Fastify**, **Express**, and **Hapi**, ensuring scalability and type safety across the stack using **TypeScript**. Collaborating with diverse, multinational teams has shaped me into a developer who can adapt, communicate, and build with anyone, anywhere.

## Experiences

### Full Stack Developer

Hello Indonesia (Indonesia)

Full Time — 01 Feb 2022 - Present

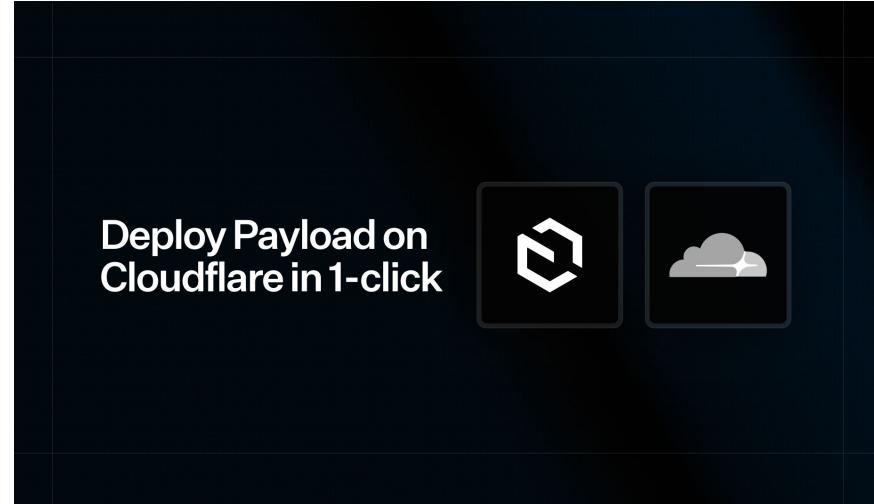
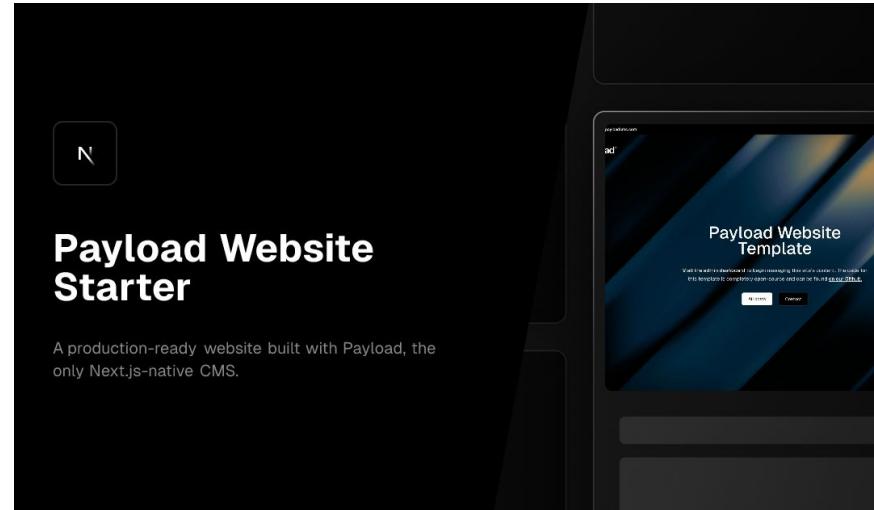
- Created and maintain reusable dashboard ui for efficient development and maintenance including authentication and authorization user management using React, React-Router, Redux, Mantine UI and Tailwind.
- Design, develop, and maintain high-performance rest api boilerplate using Fastify and Prisma including authentication and authorization endpoints and also with email system with email template starter using Nodemailer and React.
- Built service based on client requirements, for example built websocket to

<https://github.com/iamgdevvv/iamgdevvv/tree/site-v2>

Deploy?

# Next.js support, PayloadCMS juga

- Self Hosted
- Vercel
- Render
- Netlify
- Cloudflare



# Let's Build Your **Next** Project with PayloadCMS.

```
npx create-payload-app@latest -t website
```

