

Galuh Fajar Panjalu

Software Developer

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Profile

Full Stack Developer with more than 4 years of experience building high-performance web and mobile applications. Proficient in frontend technologies such as ReactJS, NextJS, NuxtJS, and Flutter (Dart), with strong experience in backend development using NodeJS (Express), Golang, and PostgreSQL. Adept at integrating APIs, optimizing performance for large-scale systems, and delivering responsive cross-platform solutions. Skilled in using modern tools such as Git, Docker, Postman, Firebase, Supabase, Jira, Confluence, and CI/CD pipelines. Strong team player with focus on clean code, testing, and delivering reliable and innovative digital solutions.

Employment History

Jul 2023 - Present

Software Developer at INDICO (Telkomsel's subsidiary), Jakarta

- Collaborate with teams in developing responsive and scalable user interfaces for web applications, collaborating with design teams to ensure visual and functional consistency.
- Utilized modern technologies such as React + ViteJS, Next.js, Node.js, and Golang/gin to build high-performance applications.
- Maintained code quality through clean code practices and conducted unit testing to enhance stability and reliability.
- Contribute to development and optimization projects that build digital ecosystem platforms, including INDICO Commerce, INDICO Engage, INDICO Datahub and Digital.

May 2022 - May 2024

Frontend Developer at ACSA (Adyatma Cendekia Sinergi Abadi), Bekasi

- Supported the development of web and mobile applications using technologies such as React.js, Vue.js, Next.js, and Flutter.
- Assisted in integrating user interfaces with backend APIs to ensure seamless application workflows.
- Contributed to various projects, including E-Learning, E-Commerce, and CMS, focusing on feature development and bug fixes.

Education

Jul 2018 - 2022

Bachelor Islamic Family Law in Institut Agama Islam Negeri Ponorogo
Graduated with honors, and a GPA of 3.44

Skill

- Programming Languages: JavaScript, TypeScript, NodeJS, Golang, Solidity (basic)
 - Framework: ReactJS, NextJS, NuxtJS, Flutter, Express, Gin-Golang
 - Database: PostgreSQL, MySQL
 - Tools: Git, Docker, Postman, VS Code, Supabase, Firebase, Jira, Confluence, Teams
 - Languages: Bahasa Indonesia (native), English (intermediate reading & listening)
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Project Contribution

INDICO - DFE ONE
(Digital Farming
Ecosystem)
(React JS - Golang)

2025 - Present

A unified platform designed to support **agricultural and livestock digitalization** across various operational levels — from office-based analysts to field workers. The system is split into two environments with role-specific authentication flows.

Authentication Systems

- **Office users** log in via **magic link authentication** through one-dev.co.id, ensuring secure, passwordless access for internal teams.
- **Field users** access the mobile system via one-dev.co.id/mobile using **OTP-based login** with registered phone numbers, enabling streamlined access in rural and low-connectivity environments.

Web Portal – Master Data Modules

Built and maintained several key components for centralized data configuration and daily validation:

- **Partner (Mitra) Management:** CRUD operations and data validation for all stakeholders and collaborators.
- **Farm Management:** Configurable records of agricultural/livestock farms including geo-tagging and operational status.
- **Project Management:** Handling project assignments per partner/farm, with daily validation logic against **IoT-collected**

data to ensure consistency and compliance.

- **Commodity & SKU Modules:** Categorization and tagging system for various products being cultivated or raised, supporting a scalable inventory and production tracking structure.
- **OCR Validation and Brick Inbound Aren Production:** validate and document the cooking process from raw to palm sugar.

Mobile View Portal – Field Worker Modules

Implemented the mobile view portal to serve on-site workers with real-time, context-aware features:

- **Kandang (Cage) Module:** Displays **live IoT data feeds** (e.g., temperature, humidity, livestock activity) and associated account/worker information.
- Optimized for mobile performance and low-bandwidth conditions, ensuring accessibility in rural areas.

INDICO - Teruslaris
(Next JS, React JS)

Jul 2023 - Present

- Designed and developed the **product listing by category** and **transaction management system**, enabling sellers to organize and manage products with ease.
- Implemented **TerusLaris Points**, a digital wallet and balance system, including **PIN setup, validation, and secure transaction deduction**.
- Built the **transaction history module** within the user dashboard, allowing users to review past transactions with filtering by date and status.
- Developed and maintained the **backend API Gateway**, including **regional/area listings and server configurations** for service availability and routing.

LetsTrack
(Nuxt JS) - Fullstack

2025

- **Real-time order tracking** across Shopify & WooCommerce.
- **Revenue attribution** to Google, Meta, and TikTok ads.
- **Multi-channel analytics** for business insights.
- **Multi-store management** with role-based access.
- **Seamless cross-platform integration**.

Cek Status
(Nuxt JS) - Fullstack

2025

- **Improved service transparency** by allowing customers to track order progress in real time through a public tracking page.
- **Enhanced merchant operations** with an integrated dashboard covering order management, notifications, analytics, billing, and support.
- **Strengthened business identity** by enabling branding and custom domains for Pro merchants.
- **Better collaboration and control** through team management, role-based access, and multi-tenant isolation.

INDICO -
Bayarsekaligus by
Telkomsel
(React JS)

2024 - Present

- Implemented the **inquiry** feature for checking outstanding balances and details.
- Developed the **billing** and **refund** modules for seamless payment processing and balance adjustments.
- Created the **transaction history** module to allow users to track their payments including a chart to show summary data transactions.

INDICO - Indiana
(Next JS, React JS,
Golang)

2023 - Present

- Developed features to manage voucher inventory, ensuring accurate stock tracking, including voucher uploads.
- Built a voucher release module to streamline the voucher distribution process.
- Implemented Indico SKU management, enhancing product identification and tracking.
- Developed a custom API to support batch voucher uploads from CSV files, converting them into JSON format, and securely encrypting each voucher before storage and processing.
- **Built a Client Management module** to handle client data, including recording details, managing status, and monitoring client activities.
- **Developed a Product Management module** to manage product listings, categorization, and product-client relationships.
- **Implemented a Changelog system** across modules to detect, log, and track all changes made, enabling easier auditing and version control.

INDICO - Engage
(Marketing Solution
Platform)
(React JS)

2024

- Developed the **profile settings module**, allowing users to customize preferences and personal data.
- Handled account-level data updates securely in the **profile**

management system.

INDICO -
On-premious
(Transaction
Dashboard)
(React JS)

2024

- Implemented a secure **authentication system**, including session handling.
- Built **data visualization graphs** for real-time insight into transaction metrics.
- Developed the **transaction list** page with sorting, filtering, and pagination features.

Open Source
Projects - Matholek
super app
GitHub: Matholek
(Nuxt JS)

2024 - Present

A unified web platform with multiple integrated modules, serving schools and Islamic boarding institutions. All modules are accessible under one domain with seamless module switching.

Administration

- Developed modules for managing **students, staff, student achievements**, and **student transfers (mutations)** across academic periods.
Enabled centralized administrative control for quick data access and updates.

Academic

- Implemented features for **class schedules, classrooms, subjects**, and **extracurricular activities**.
- Built the **grading and report card system**, including **exam management** and **automatic transcript generation (ijazah printing)**.
- Designed the **exam room layout (denah ujian)** module to streamline exam logistics.

Finance

- Developed the full financial module to support:
 - **Billing templates** (customizable for different departments or programs)
 - **Invoice generation**
 - **Payment tracking**, including installment handling and status updates.

New Student Admission (PSB)

- Built the **online registration** module for prospective students.
- Developed the **PSB exam system** for entrance evaluations.
- Implemented **automated mutation** from candidate to active student upon admission approval.

Asset Management

- Created a module for managing school assets and inventories with categorization and tracking capabilities.

Disciplinary Committee

- Developed a **violation tracking system** integrated with the **student report card**, allowing seamless discipline recordkeeping and academic correlation.

Open Source

2023 - 2024

Projects - Mustaka
GitHub: Mustaka-id
(Nuxt JS)

Collaborated on similar features as Matholek, focusing on:

- Enhancing the **exam and report card systems** to support diverse educational needs.
- Developing an **achievement tracking system** to record and display student progress.

Open Source

2025

Projects - Adacara
(Event Ticketing
and Management
Platform)
Github: Adacara
(Nuxt JS)

Contributed to both **client-side** and **admin-side** development:

- Built features for **event creation, ticket sales, and event management**.
- Implemented **user-friendly interfaces** to improve the event planning and ticketing experience.
- Optimized **admin dashboards** for efficient management of events, tickets, and users.
- Develop Gusdurian Form for TUNAS (Temu Nasional Jaringan Gusdurian) at August 2025

ACSA - AJARI

2023

(Online course
selling platform)

- Developed the **exam module**, allowing users to create, manage, and participate in online tests.
- Built the **product management** feature to showcase and sell courses seamlessly.

ACSA - PAKE KTP

2022

(Traditional selling
market)

- Developed the **product listing** feature, enabling sellers to manage and display their products effectively.
- Worked on **profile settings** to allow users to customize their account preferences.
- Implemented the **transaction management** system for smooth and secure financial operations.

ACSA - Chikufarm

2022

(Cage System
e-commerce)

Led the development of the entire system, covering all aspects, including:

- **Inventory management** for tracking livestock and resources.
- **Product listing module** to display and manage available products.

- **Transaction module** for seamless order processing and payments.
- **History module** to provide a comprehensive record of past transactions.