

# Sunarto Dwi Putra Utina

## Flutter Developer

Gorontalo, Indonesia | [sunarto.utina.creative@gmail.com](mailto:sunarto.utina.creative@gmail.com) | +62 823-5553-4088 |  
<https://www.linkedin.com/in/sunartocreative> | <https://www.sunartocreative.github.io>

Flutter Developer with experience developing mobile applications using Flutter and Dart, including responsive UI development, state management, data manipulation, and implementation of interactive features based on user needs. Experienced in building mobile applications for business calculation automation and image processing, including Cost of Production (HPP) applications and image conversion to grid-based Karawo patterns. Have the ability to develop Flutter Widgets, dynamic form handling, image processing, and problem solving to produce functional, efficient, and user-friendly applications.

### Work Experience

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#### Flutter Developer Developer • Belgina Fashion Indonesia

May 2022 – June 2022

- Developed a mobile application interface using Flutter based on Figma's design for the Calculate Cost of Production (HPP) mobile application and the Convert Image to Karawo Pattern mobile application.
- Perform the UI Slicing process by translating visual designs into customizable and structured Flutter Widgets.
- Implement layout, typography, spacing, and visual components to match the designed interface design.
- Build a responsive, consistent, and easy-to-use app on mobile devices.
- Maintain consistency in the appearance and user experience of the mobile app interface.

### Personal Flutter Developer Project

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- **Bandung Tourism Promotion Application – Dicoding (Flutter)**  
Develop a Flutter-based mobile application as a learning project to understand the basic concepts of application development, including widget structure, layout, navigation, and static data presentation on the mobile interface.

### Education

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#### Gorontalo Polytechnic

D3 Informatics Engineering • 2022 – 2025

- Graduated with a GPA of 3.82/4.00 and Cum Laude Predicate
- The final project with the title "Design and Build an RT/RW Internet Network Service Payment Subscription Application at PT Bifi Merah (Prototype)"
- Participated in junior graphic designer and junior web developer activities organized by Kominfo and managed to get a BNSP certificate.

## Skill

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- Flutter & Dart Development (Widget, State Management, Navigation, Form Handling)
- Responsive Mobile UI Development with Flutter Widgets and Layout System
- Image Processing & Pixel Grid Manipulation in Flutter apps
- Custom Painter & Interactive Grid Rendering for grid-based pattern visualization
- Dynamic Form & Data Calculation Logic for business calculation automation (HPP)
- Local Data Handling & User Input Management on mobile applications
- Mobile App Architecture & Problem Solving using the Programming Thinking approach
- Version Control with Git & GitHub for source code management
- UI/UX Implementation based on user needs and Design Thinking
- Flutter application debugging & optimization

## Language

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- Indonesia (Active)
- English (Passive)

## Framework / Tools

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- Flutter Widget, SQLite, Dart, Visual Studio Code, Git & Github