# GENTHUR TEGES ARYOSETO

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Bekasi, West Java

Fourth-year motivated and quick-learning Software Engineering student with experience in Mobile App Development. Proficient in Kotlin and Android Studio, with a particular interest in Flutter. Seeking opportunities to develop innovative mobile applications, contribute to team success, and explore other areas of IT.

## Education

**Universitas Pendidikan Indonesia** - Bandung, West Java                          Aug 2021 - Aug 2025 (Expected)
*Bachelor of Software Engineering, 3.80/4.00*

- Course: Basic Programming, Web Programming, Object Oriented Programming, Computer Networking, Database, Software Quality, Software Project Management.
- Developed several web/desktop applications for final project assignments using various programming languages.

## Experience

**Maritim Muda Nusantara** -  Jakarta, Indonesia                          Sep 2024 - Dec 2024
*Mobile Apps Developer Intern*

Maritim Muda Nusantara was established with a primary focus on preparing professional, ethical, and dedicated maritime human resources who prioritize national interests, advancing cutting-edge, efficient, and eco-friendly maritime science and technology, and strengthening maritime culture.

- Developed the Maritim Muda Connect application using the Flutter framework, utilizing the GetX state management library to ensure an efficient and scalable application architecture.
- Developed the user profile feature, including UI/UX slicing for an intuitive interface and API integration to ensure seamless data synchronization and smooth user interactions.
- Collaborated with the backend team to ensure the profile feature aligned with the application's requirements and delivered the best user experience.
- Conducted manual testing to identify and fix bugs, ensuring the Maritim Muda Connect app functions properly across various devices and screen sizes.
- Contributed to maintaining the application's quality by implementing best practices in testing and debugging processes.

**Bangkit Academy 2024 By Google, GoTo, Tokopedia, Traveloka**                          Feb 2024 - Jun 2024
*Mobile Development Cohort*

Bangkit Academy is an intensive training program in Machine Learning, Mobile Development, and Cloud Computing, supported by Google, GoTo, Traveloka, and Dicoding, with the goal of preparing Indonesian digital talent.

- Developed and designed The Dressify, an Augmented Reality (AR) mobile application for virtual try-on of clothes using Kotlin.
- Designed the user interface (UI) using Figma, ensuring a modern, intuitive, and user-friendly design.
- Sliced the UI and implemented it into the application, ensuring pixel-perfect alignment with the design.
- Utilized the MVVM (Model-View-ViewModel) architecture for efficient and maintainable Android development.
- Integrated APIs provided by the cloud computing team to enable seamless data exchange and functionality within the app.
- Implemented machine learning models developed by the machine learning team to enhance the AR experience and enable accurate virtual try-on features.
- Collaborated with cross-functional teams, including cloud computing and machine learning, to ensure smooth integration of all components.
- Conducted thorough testing and debugging to ensure the app's performance, stability, and responsiveness across various devices.
- Delivered a fully functional AR application that provided users with an immersive and interactive virtual try-on experience.

## Certifications

**Belajar Pengembangan Aplikasi Android Intermediate**                          Jun 2024
*Dicoding Indonesia*
Credential ID KEXL1YRYRXG2

**Belajar Fundamental Aplikasi Android**                          May 2024
*Dicoding Indonesia*
Credential ID 72ZDV9GMQZYW

**Belajar Prinsip Pemrograman SOLID**                          Apr 2024
*Dicoding Indonesia*
Credential ID 53XEOL28YZRN

**Belajar Penerapan Machine Learning untuk Android**                                      Apr 2024

*Dicoding Indonesia*

Credential ID MEPJNEQ26X3V

**Belajar Membuat Aplikasi Android untuk Pemula**                                         Mar 2024

*Dicoding Indonesia*

Credential ID EYX40L7GOPDL

**Memulai Pemrograman dengan Kotlin**                                                     Feb 2024

*Dicoding Indonesia*

Credential ID GRX5QEV33Z0M

**Belajar Dasar Git dengan GitHub**                                                       Feb 2024

*Dicoding Indonesia*

Credential ID 2VX3OM65NZYQ

**MikroTik Certified Network Associate**                                                  Nov 2023

*MikroTik*

Credential ID 2311NA8358

## Skills & Projects

- **Projects** ⊘ (2024): Developed the Maritim Muda Connect application using Flutter with GetX state management.
- **Projects** ⊘ (2023): Developed "Healthify," a comprehensive health web application, as a final project for a web programming course. Utilized MySQL for database implementation and incorporated a chat feature to facilitate communication between patients and doctors.
- **Projects** ⊘ (2024): Developed a mobile "Story App" using Kotlin, featuring user registration/login with DataStore, retrieval and display of stories from the Dicoding Story App API, story creation with image, description, and optional location data, pagination for story browsing, and geolocation to visualize user story locations.
- **Projects** ⊘ (2024): Developed and designed The Dressify, an Augmented Reality (AR) mobile app for virtual try-on of clothes using Kotlin. Implemented MVVM architecture for efficient Android development and designed the app's user interface.
- **Soft Skills**: Time Management, Problem Solving, Teamwork, Project Management, Analytical Thinking, Communication.
- **Projects** ⊘ (2024): Developed a mobile GitHub application using Kotlin, featuring user search functionality, local database integration for favoriting users, and detailed user profile displays (following/followers count, username, profile picture).
- **Hard Skills**: Intermediate Mobile Development using Kotlin, Intermediate Dart and Flutter, Basic Web Programming, IT Management.