

# Budy Santoso

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## PROFILE

As a Software Engineering Technology student at IPB University, I am eager to gain practical experience in the technology industry to enhance both my professional and personal development. I have a interest in web and mobile application development, particularly in how technology can drive meaningful impact. I have contributed to various academic and personal projects using Java, Python, JavaScript, PHP , Dart, along with frameworks such as Flutter and Laravel. Proficient in frontend development, API integration, and responsive design. I am passionate about learning new tools and technologies, and value collaborative teamwork to develop impactful digital solutions. With strong adaptability and a continuous drive for growth, I am eager to contribute and thrive in a dynamic and innovative work environment.

## EDUCATION

### IPB University

*Bachelor of Applied Software Engineering Technology*

- **IPK:** 3.65 / 4.0

**Bogor, Indonesia**

2022 - Present

### SMK Pembangunan

*Multimedia*

**Bogor, Indonesia**

2019 - 2022

## WORK EXPERIENCE

### PT. Sarana Mitra Anugrah

*Graphic Designer*

**Bogor, Indonesia**

Aug 2021 – Nov 2021

- Responsible for creating brochure designs as part of the in-house design team.
- Collaborated with team members to understand project requirements and deliver designs aligned with the company's brand identity.
- Applied design concepts that emphasized message clarity and visual appeal to enhance marketing effectiveness.
- Responded to client feedback and adapted designs to meet requested changes or revisions.

## PROJECTS

### Seraya Android App

*Android Mobile Application*

Jun 2025

- Built an Android application using Java and Firebase for real-time database, authentication, and cloud-based data management.
- Implemented AI based mood tracking with personalized emotional feedback through visual and narrative analysis..
- Developed core features: mood journal, anonymous sharing space, and psychological reflection with graphical insights..

### Stylogram Website

*Website*

May 2025

- Developed a fashion classification system using Convolutional Neural Network (CNN) to recognize clothing types from images.
- Utilized Python (Flask) and TensorFlow for back-end development and deep learning model training.
- Built the front-end with Next.js and styled the interface using Tailwind CSS for a responsive, modern design.

### **Bakkar Fried Chicken Website**

Dec 2024

#### *Website*

- Executed the project by developing the website using Laravel, PHP, CSS, and JavaScript, ensuring smooth integration of front-end, back-end, and database.
- Closed the project by launching the website and providing training to the client on how to manage website content independently.

### **Petiku Android App**

Apr 2024

#### *Android Mobile Application*

- Developed an AR-based educational application for the aquaculture and livestock agro-industry using Unity, Vuforia, and Blender.
- Created interactive 3D visualizations and key features like AR simulations and quiz games to enhance user learning experiences.
- Successfully deployed the application on the Google Play Store, improving learning accessibility in the agro-industry.

### **Foody Android App**

Dec 2023

#### *Android Mobile Application*

- Developed using Java and integrated with external APIs for real-time data fetching and processing.
- Integrated AI to provide tailored food suggestions according to user preferences.
- Implemented features such as BMI calculator, daily food consumption tracking, and personalized meal recommendations based on individual needs.

### **Babeh Burger Website**

May 2023

#### *Website*

- Engineered a web-based food directory using Java Spring Boot as the primary backend framework.
- Built using HTML, CSS, JavaScript, and PostgreSQL with JetBrains IDE, implementing full CRUD operations.
- Applied core Object-Oriented Programming (OOP) principles including encapsulation, access modifiers, getters, and setters.

## **EXPERTISE**

**Soft Skills:** Communication, Team Collaboration, Leadership, Time Management, Problem Solving.

**Technical Skills:** XML, Java, Dart, Python, HTML, CSS, PHP, Javascript, Android Studio, Visual Studio Code, Unity, Postman, Laravel, Flutter, MySQL, MongoDB, Firebase

## **CERTIFICATION**

- **Getting Started with Java Programming** May 2025 – May 2028  
*Dicoding*
- **Learn SOLID Programming Principles** Jan 2025 – Jan 2028  
*Dicoding*

## **AWARDS**

- **3rd Place, National Android Programming Competition** Jun 2024  
*Universitas Tarumanagara*
- **1st Place, National Mobile UI/UX Competition** Apr 2024  
*Universitas Atma Jaya Yogyakarta*
- **1st Place, National Short Video Graphic Design Competition** Mar 2024  
*Universitas Islam Kalimantan Muhammad Arsyad Al Banjari*