

# Andra Wicaksono

Kediri 64176

[andrawicaksono14@gmail.com](mailto:andrawicaksono14@gmail.com)

+6285736928890

I am a software engineer with experience in the banking sector, specializing in the development of scalable and reliable systems to support critical business operations. I am committed to writing clean, maintainable, and efficient code, with a focus on performance, stability, and long-term sustainability. I take a structured and analytical approach to problem-solving, ensuring that every solution aligns with both technical and organizational objectives. I am also dedicated to continuous learning and the adoption of best practices to enhance system design and software quality.

## Work Experience

---

### **Programmer**

PT Bank Syariah Indonesia Tbk. – Jakarta

November 2024 to Present

- Improved application performance by up to 42x, primarily by optimizing the database insert process.
- Eliminated locking issues in the multiposting feature

### **Back End Developer**

PT Bullion Ecosystem International - Jakarta

January 2023 to November 2024

- Played a key role in the design and development of the MetalPay API, contributing to the implementation of robust and secure endpoints for seamless transactions.
- Contributed to the development of the Gold to Mecca API, focusing on creating efficient data exchange mechanisms to facilitate gold transactions related to Mecca pilgrimages.
- Actively collaborated with front-end developers, UI/UX designers, and product managers to ensure the coherence and user-friendliness of the applications.

### **Back-End Engineer Intern**

Defuture Farmer - Bogor

October 2021 to March 2022

- Spearheaded the development of a robust API connecting a smart farm monitoring system, enabling real-time tracking of temperature, humidity, and light conditions crucial for precision agriculture.
- Collaborated closely with cross-functional teams to gather requirements and ensure seamless integration with the smart farm monitoring hardware.
- Played a pivotal role in integrating IoT technologies into the API, facilitating the communication between sensors and the central monitoring system for enhanced data accuracy.

## Education

---

### **Bachelor's Degree in Computer Science**

IPB University - Bogor

July 2019 to July 2023

GPA: 3.68

## Skills

---

- JavaScript
- Java
- Kotlin
- Go
- Express.js
- Spring Boot
- React.js
- SQL
- NoSQL
- Communication
- Adaptability
- Problem-solving
- Teamwork

## Languages

---

- English - Professional
- Bahasa - Native

## Links

---

<https://andrawicaksono.com>

<https://www.linkedin.com/in/andrawicaksono>

<https://github.com/andrawicaksono>

## Awards

---

### **Finalist of Smart Device, Embedded System, and IoT at Gemastik XIV**

October 2021

As a finalist in the prestigious Gemastik XIV Awards, I led the development of the innovative Anti Mouse and Bird System (AMBS), a revolutionary solution in digital agriculture. Leveraging advanced technologies, AMBS employs Tensorflow Lite to precisely identify mice and birds through its camera frame, showcasing my expertise in smart devices, embedded systems, and IoT applications. The integration of ultrasonic speakers not only ensures efficient pest repulsion but also establishes an eco-friendly alternative to traditional chemical solutions. My pivotal role in designing AMBS, with its historical pest detection data accessible on [ambs.xyz](http://ambs.xyz) (expired), empowers farmers with remote monitoring capabilities, facilitating informed decision-making for enhanced crop protection. This project underscores my commitment to advancing digital agriculture, contributing to precision farming practices, and promoting a sustainable approach to pest management.

## Certifications and Licenses

---

### **Spring Boot Microservices and Spring Cloud. Build & Deploy.**

### **Startup Campus Backend Engineer Track**