

# Daniel Sebastian

Backend Engineer | Full Stack Developer

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Experienced in web and system development, API design, and microservices, with strong skills in algorithm and business logic implementation.

Adaptable to agile methodologies like Scrum and Waterfall in fast-paced environments.

## Experience

NOVEMBER 2022 – PRESENT

ENGINEER | BLIPCOM TECHNOLOGY | JAKARTA, INDONESIA

- **Middleware System Development**  
Designing a middleware system that seamlessly integrates and consumes data from various sources such as batch files, Kafka brokers, message queues, or sockets, processes the data intelligently, and forwards it to a fraud detection system.  
Tech stack:  
Python (Flask), MongoDB, Kubernetes, Docker, Gitlab, Socket, IBM-MQ, Kafka, RHEL.
- **ERP System Development**  
Developing an ERP system tailored for a logistics service company, designed to streamline operations, optimize resource management, and enhance overall efficiency.  
Create a simple plugin on WordPress for the company profile website.  
Tech stack:  
PHP (Laravel), MySQL, WordPress, Bootstrap, AWS, GitHub, Ubuntu.
- **Backend System Development**  
Creating a robust API to be utilized by a mobile application, along with developing a web portal accessible by multiple user segments, such as administrators and merchants, ensuring seamless functionality and user experience.  
Tech stack:  
Python (Flask), MongoDB, jQuery, AWS, Bootstrap CSS, RHEL, GitHub, Ematerai API

FEBRUARY 2018 – NOVEMBER 2022

LEAD ENGINEER | LAKU EMAS INDONESIA | JAKARTA, INDONESIA

Developing a comprehensive online platform for buying and selling gold, which includes the following components:

**Website:** A professional company profile website to showcase the business, its values, and services, ensuring credibility and trust for potential customers.

**Mobile Application:** A user-friendly, customer-focused mobile app for seamless gold transactions, account management, and real-time price tracking.

**Admin Portal:** A secure admin portal for managing transactions, users, inventory, and analytics, providing complete control over the platform.

**Third-Party API:** An API designed to enable seamless integration with partner platforms, allowing them to access Lakuemas services and features.

**Gold ATM Integration:** A feature allowing customer to purchase physical gold bar directly from ATMs. The mobile application will support QRCode scanning for seamless payment at the gold ATMs.

Tech stack:

PHP (Laravel), Postgres, MySQL, React Native, ReactJS (NextJS), jQuery, Tailwind CSS, Bootstrap CSS, Bitbucket, Payment Gateway API, Alibaba Cloud, Ubuntu.

APRIL 2014 – FEBRUARY 2018

ENGINEER | BARANG TRAVEL INDONESIA | JAKARTA, INDONESIA

Developing a comprehensive e-commerce platform for travel-related products with an accompanying admin portal to ensure smooth operations and efficient management.

Tech stack:

PHP (Code Igniter), MySQL, jQuery, Bootstrap CSS, AWS, Linux ubuntu.

JULY 2009 – MARCH 2014

LEAD ENGINEER | FLOWER ADVISOR | JAKARTA, INDONESIA

- Develop a Facebook Application as a marketing tool to increase brand visibility.

Tech stack:

PHP (Vanilla), Flash (ActionScript), MySQL, Ubuntu, jQuery

- Develop an e-commerce platform for flower-related products.

PHP (Vanilla & Laravel), MySQL, Ubuntu, Bootstrap CSS, jQuery

## Skills

Framework & Libraries:

- Backend Framework
  - PHP: Laravel, Lumen, CodeIgniter, Vanilla
  - Python: Flask
- Frontend Framework
  - React.js: Next.js, Redux, ReactHookForm
  - CSS: Bootstrap, Tailwind
- Database
  - Relational Database: MySQL, Microsoft SQL, Postgres, MariaDB
  - NoSQL: MongoDB
- Devops & CICD
  - Cloud Services: AWS, Alibaba Cloud
  - Devops: GitHub, Docker, Kubernetes
  - Version Control: GitHub, Gitlab, Bitbucket
  - Messaging Queue: Kafka, IBM MQ

Language:

Bahasa Indonesia, English

ISMS:

ISO 27001

## Education

2005 - 2009

**Bachelor of Information Technology | Bina Nusantara University | Jakarta, Indonesia**

2.9 GPA