

# MUHAMMAD MARUF

Lebak Regency, Banten | maruuf82@gmail.com | +62-822-3115-0017  
<https://www.linkedin.com/in/mma-ruf> | <https://github.com/mmaruf23>

## SUMMARY

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A highly motivated junior developer with a strong passion for technology and a quick ability to adapt to new concepts and systems. Possessing hands-on experience in building fullstack applications, both independently and collaboratively. Proficient in communication, analytical thinking, and adaptability within work environments. Eager to contribute as a Backend Engineer, Fullstack Developer, or in other technical roles.

## EDUCATION

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**Budi Utomo Institute of Technology** Bachelor of Informatics | 2023 – Present (4 semesters completed) | Jakarta

- Focused on software development and programming logic.
- *Status: Currently on semester break; potential to continue or take leave.*

## CERTIFICATION & TRAINING

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- Laravel Framework (Udemy)
- Go Programming Language (Udemy)
- Spring Boot (Udemy)
- Next.js & Spring Boot Fullstack Bootcamp (PT Aigen Global Teknologi)
- JavaScript for Backend (IDCamp by Dicoding)
- Basic AWS Cloud (IDCamp by Dicoding)

## TECHNICAL SKILLS

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- **Programming Languages:** JavaScript/TypeScript, Java, Go (Golang), PHP, Python
- **Frameworks & Libraries:** Next.js, Spring Boot, Laravel, Express.js, Fiber
- **Tools & Technologies:** Git & GitHub Projects, Postman, Vercel, PostgreSQL, Supabase, MySQL, Google Sheets, Markdown, Docker (basic)
- **Concepts & Practices:** RESTful API Design, JWT Authentication, MVC Architecture, Clean Code, SOLID Principles, Basic Unit Testing (Jest, JUnit), Swagger/OpenAPI, SQL Querying

## PROJECT EXPERIENCE

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### Klerek — Store Transaction Management Application

- **Web Developer (Personal Project)** | May 2025 – Present | [klerek.vercel.app](https://klerek.vercel.app)
  - Developed a **fullstack web application** using **Next.js** for managing store transactions.
  - Implemented search, filter and recap transactions feature, currently utilized by former colleagues in the retail sector.
  - Committed to continuous development based on user feedback.

### School Payment System — Bootcamp Project

- **Fullstack Developer (Team Project)** | Apr 2025
  - Collaborated on the development of a school payment system application using **Next.js** and **Spring Boot**.
  - Responsible for **frontend-backend integration, form validation, and transaction simulation**.

### Online Store — Ecommerce Frontend

- **Frontend Developer (Solo Project)** | Mar 2025
  - Designed and implemented the user interface (UI) for an online store using **Next.js** and **Tailwind CSS**.
  - Includes product pages, shopping cart functionality, and checkout flow.

### Online Store API — Backend Spring Boot

- **Backend Developer (Solo Project)** | Mar 2025
  - Built a comprehensive **RESTful API** for an e-commerce system, covering authentication, product management, and cart functionalities.
  - Utilized **MVC architecture** with **Spring Boot**.

### Mini Country App — API Project

- **API Project** | April 2025
  - Developed an application to dynamically display ASEAN country data.
  - Consumed the public **RestCountries API** and leveraged **Next.js** with **Server-Side Rendering (SSR)**.

## **SOFT SKILLS**

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- Effective & collaborative communication
- Analytical problem-solving
- Adaptability to new technologies
- Capable of working in teams and independently
- Able to work under pressure