

# M. ZAKARIA SANTOSO

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## WEB FULLSTACK DEVELOPER

Web Developer with 5+ years of experience in building scalable web apps. Proven track record in automation systems, security auditing, and SaaS Development. Passionate about remote collaboration and delivering high-impact solutions in distributed environments.

## PROFESSIONAL EXPERIENCE

**PT MITRA PASIFIK SOLUSINDO - Software House (30+ Employees)** July 2020 - September 2020

### Junior Web Developer - Internship

- Analyze project results from a user & security standpoint, then report to the Developer for improvement.
  - Managed to find a **SQL Injection vulnerability**.
  - Managed to find a **cross-site scripting vulnerability**.
- Help the Senior Developer debug and fix minor bugs.

**CV MUJIO PUNAKAWAN - Software House (10+ Employees, SMB)** April 2021 - June 2023

### Web Fullstack Developer - Fulltime

- Created 5 company profile websites requested by company clients.
- Created a membership & card management app on Pemuda Panca Marga Asahan (PPMA) Organization with **Codeigniter 3**.
- Completed 180 village websites and village land inventory app in Musi Banyuasin district, Palembang (desamuba.id).
  - Written using the **PHP programming language & Laravel Framework**.
  - Utilize **Google Drive for file storage** to minimize high resource usage.
- Created a website-based online store with **Laravel**.
- Created a face recognition attendance application
  - Written in **Python and using Open Computer Vision Library**.
  - Uses **Haar cascade classifier** for face detection & **Convolutional Neural Network** algorithm for face recognition.

**PT Sekolapedia Edulabs - SaaS Platform & Digital Agency (1+ Employees)** May 2023 - May 2024

### Founder

- Developed Sekolapedia Platform using **PHP Programming Language & Laravel Framework**.
- Developed **CBT (Computer-Based Test)** Feature for school tests at Sekolapedia Platform.
- Developed a payment gateway at Sekolapedia Platform.
- Developed **School Inventory & Asset Management** at Sekolapedia Platform.
- Developed **Room, Inventory & Asset Borrowing system** for the school at Sekolapedia Platform.
- Managed to handle **2000+ users** at Sekolapedia Platform

**PT Indonesia Gadai Oke - Finance, Pawnshop (100+ Employees)** March 2024 - Sept 2025

### Web Developer

- Built an internal Employee Key Performance Indicator App.
- Built a real-time display app for pawned items that are being auctioned to be displayed on all outlets
- Fixed 3 SQL injection vulnerabilities in production using MySQL Prepared Statement Method.
- Optimize app load by fixing the N+1 Query Problem & use MySQL multi query to execute multiple DB operations, resulting in reduced response time from 70 seconds to 3.7 seconds.
- Optimize development workflow by implementing Git usage in the IT Department, resulting in better performance evaluation & easier system management.

## EDUCATION

### **State Vocational High School 1 Percut Sei Tuan - Software Engineering**

**2018 - 2021**

- 1st Place, Student Competency (Regency & Province).
- Built a School Website using **Materialize CSS** and **Codeigniter 3**.
- Indonesian National Police acceptance exam technician in 2020.
- Deployed the Computer-Based Test application at State Vocational High School 1 and several other high schools in Deli Serdang Regency.