

Satrio Putro Wicaksono

Software Engineer

Malang, Indonesia

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<https://github.com/satriowicaksn>

| PROFESSIONAL SUMMARY

Senior Software Engineer with 6+ years of experience building scalable SaaS applications, omnichannel messaging systems, CRM platforms, and AI-powered solutions. Experienced in full-stack development with strong backend expertise using Node.js, Express.js, and TypeScript, along with frontend development using React and React Native. Skilled in designing scalable architectures, integrating third-party services, and developing real-time communication systems across multiple channels, including WhatsApp, Instagram, Messenger, TikTok, Shopify, Shopee, Tokopedia, and Outlook. Passionate about building impactful products, solving complex technical challenges, and contributing to modern engineering teams.

| TECHNICAL SKILLS

Languages: JavaScript, TypeScript, PHP, Go, Java

Frontend: React.js, React Native, HTML, CSS

Backend: Node.js, Express.js, Laravel, REST API, WebSocket

Integrations & APIs: WhatsApp Cloud API, Meta Marketing API, Shopify API, OpenAI API, Gemini API

Database: PostgreSQL, MongoDB, Redis

Architecture: Omnichannel Systems, CRM Systems, AI Integration, Real-time Messaging, Microservices, Docker & Kubernetes

| WORK EXPERIENCE

bitbybit studio | Senior Software Developer

(Javascript, Typescript, React Js, Java Spring boot, MongoDB, PostgreSQL, Redis, RabbitMQ, Google PubSub, Meta API, WhatsApp Cloud API, Shopify API, OpenAI)

September 2021 - Now

- Developed and maintained omnichannel messaging and CRM platforms supporting multiple communication channels, including WhatsApp, Instagram, Messenger, TikTok, Outlook, Shopify, Shopee, Tokopedia, and web chat widgets.
- Built scalable backend services and APIs using Node.js, Express.js, and TypeScript.
- Integrated AI services using OpenAI and Gemini for automated messaging, customer support, and workflow automation.
- Contributed to frontend development using React and React Native for internal dashboards and customer-facing applications.
- Designed and improved system architecture for scalability, maintainability, and real-time messaging performance.
- Worked on SaaS-based systems with multi-tenant architecture and third-party integrations.
- Collaborated with cross-functional teams to deliver new product features and technical improvements.

PT Permata Agung Nusantara | Software Engineer

(Codeigniter, JavaScript, MySQL)

September 2020 - August 2021 (1 Year)

- 1. Maudana.com**
Create and develop the maudana.com website
- 2. Maudana Administration**
Create and develop web-based software to make it easier for admins and customer service to manage data related to users and the maudana.com website
- 3. SIBOS (Sistem Informasi Branch Office)**
Create and develop web-based applications to record and manage marketing visit reports from all MauDana branch offices

Oesman Solution | Software Engineer
(Codeigniter, Laravel, JavaScript, MySQL)
May 2020 - July 2020 (3 months)

1. Mmopilot task management

Create and develop web-based software to manage the daily work tasks of employees, especially operators.

2. Wedhang Adhem software management

Create and develop web-based software to manage reports and business management of beverage product sales that have several branches in one city.

3. Landing page

Create a landing page and company profile to explain information related to companies engaged in the online power leveling game

4. Landing page & Dashboard reseller

Creating a landing page and reseller dashboard for businesses engaged in the coffee bean supplier

| OTHER PROJECTS (Freelance)

1. Falasifa Indonesia Website | Full Stack Engineer (Codeigniter, Javascript, MySQL)

Creating a website for the Indonesian Falasifa product catalog and an admin panel so that the website can be managed dynamically

2. Hungry Button Website | Full Stack Engineer (Laravel, Javascript, MySQL)

A website that connects donators, volunteers and recipients for donation activities in the city of Tuban, East Java, Indonesia

3. Pet Diary Website | Full Stack Engineer (Codeigniter, Javascript, MySQL)

A website that contains some products for pets like food, medicine, etc. As a user we can give a rating to a specific product, so other users can make that as a preference to buy this product . This website also has a forum discussion feature that can be used by user to sharing their experience about their pets.

| EDUCATION

Bangkit Academy Cohort 2023

Cloud Computing Learning Path | Feb 2023 - July 2023

Binus University Online Learning

Information Systems | 2020 - now (current IPK : 3,91)

SMK Telkom Malang

Software engineering | 2017 - 2020

| CERTIFICATE

1. Microsoft Technology Associate - Database Administration Fundamentals (August 2020)
2. Dicoding Indonesia - Basic Web Programming (June 2021)
3. Dicoding Indonesia - Creating Back-End Application for Beginner (June 2021)
4. Dicoding Indonesia - Cloud Practitioner Essentials (July 2021)
5. Dicoding Indonesia - SOLID Programming Principles (July 2021)
6. Dicoding Indonesia - Creating Front-End Application for Beginner (July 2021)
7. Dicoding Indonesia - Basic DevOps (November 2022)
8. Dicoding Indonesia - Fundamental Front-End Web Development (January 2023)
9. Dicoding Indonesia - Basic Javascript Programming (March 2023)
10. Dicoding Indonesia - Become a Google Cloud Engineer (May 2023)
11. Coursera - The Bits and Bytes of Computer Networking (March 2023)
12. Coursera - System Administration and IT Infrastructure Services (March 2023)
13. Google Cloud Achievements :

https://www.cloudskillsboost.google/public_profiles/b21af854-05a7-494d-99ef-96391aa08524