

Jonathan Worotikan

Software Engineer

Enterprise software · Odoo ERP · Government platforms · Cloud infrastructure

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15+ years writing production software, since 2010

9+ Virtual Tour platforms live for government institutions

1 national reporting system for the Ministry of Education

7 verified certifications: AWS, DevOps, back-end & web

PROFILE

Software Engineer with **15+ years** of taking systems from requirements to production. I personally design and build **3D Virtual Tour platforms for Indonesian government institutions**, build **Odoo ERP modules** and **Laravel** applications, and run the Linux and cloud infrastructure behind them, owning each project end to end.

EXPERIENCE

IT Manager & Operations Manager

Oct 2025 – Present

PT. Teknologi GoVirtual Indonesia · Jakarta

- Design and code, hands-on, 3D Virtual Tour platforms **live for government institutions**: Kota Semarang, DKI Jakarta, Lampung Selatan, Kabupaten Lahat, Kota Bogor, Kota Medan, Kabupaten Deli Serdang, Desa Jatiluwih, RS Adhyaksa Jakarta and more.
- Personally executed the **production-to-live server migration** for all government platforms.
- Lead and actively code **Portal Eksplorasi Indonesia**, a national portal commissioned by **Bappenas**, now live.
- Built the company's internal **HRIS** (attendance, leave, payroll), a Project Management app and a **finance application**.
- Report directly to the CEO; manage IT procurement (CAPEX/OPEX) and vendors.

PHP · Laravel · Python · MySQL · Tailwind CSS · Pano2VR · Linux / CentOS · cPanel

IT Officer & Programmer

Apr 2024 – Jul 2025

Living World Grand Wisata · Bekasi

- Developed custom **Odoo modules**: Work Permit, High-Risk Permit, Goods Entry/Exit, Lost & Found and Survey Export to Excel.
- Led the full SDLC for internal applications: needs analysis, flowcharting, database design, build and go-live.
- Set up the mall's IT infrastructure during construction, coordinating vendors and equipment deployment.

Odoo · Python · PostgreSQL

SKILLS

LANGUAGES

PHP · Python · JavaScript · Node.js · SQL · VB.Net

FRAMEWORKS & ERP

Laravel · Odoo · Express.js · React Native

WEB

HTML5 · CSS3 · Tailwind CSS · XML · Pano2VR

DATABASES

MySQL · PostgreSQL · Firebase

CLOUD & INFRASTRUCTURE

AWS · Linux / CentOS · Docker · Git · cPanel · Server Migration · Networking

STRENGTHS

- End-to-end SDLC ownership
- Odoo ERP module development
- Server & cloud administration
- Digital transformation
- IT & operations management
- Vendor & procurement (CAPEX/OPEX)
- Team leadership & mentoring

EXPERIENCE (CONTINUED)

IT Manager & Software Engineer
Jun 2017 – Jan 2024

PT. I-Management Indonesia · Jakarta

- Led digital transformation for corporate clients, replacing **paper-based processes with digital workflows**.
- Engineered a gamified **e-Learning LMS**, a psychometric **Human Capital Assessment** portal and an interactive, game-based Class Portal.
- Managed IT for internal users and clients, including procurement and field implementation. Key clients: Bank Mayora, Wilmar Group, Mayapada Bank, Bank Papua and more.

PHP · Laravel · MySQL · JavaScript

IT Programmer
Jun 2018 – Mar 2024

PT. Inter Pan Pasifik Futures (Interpan) · Jakarta

- Built a cross-platform **e-Wallet application** for iOS and Android.
- Designed and delivered the trading websites **volksfx.com** and **fxinterpan.com** from concept to deployment.
- Managed the full SDLC for internal and client-facing business applications, from database design to production.

React Native · PHP · MySQL · JavaScript

PIC Sales & Marketing, Bogor Region
Mar 2016 – Feb 2017

X-TRO – XL Axiata · Bogor

- Led a **50-person sales force** and achieved the **highest regional sales volume within three months**.
- Handled IT and administrative support for the **XL WOW Project**.

Network & Software Engineer
Jun 2010 – Mar 2016

CV. Withtech · Bogor

- Built internet café and game centre networks: The Train Bogor (2010), Cyber Net Bogor (2011), Emperor Yogyakarta & Ambarawa (2013).
- Deployed **POS and inventory systems** for Highland Park Resort, Toko Indo Cahaya, CV Megaria and CV Wiyanata.
- Set up server and network infrastructure for PT. Sinar Gemilang (Lampung) and Balai Pengobatan Pelangi Kasih (Bogor).

FREELANCE PROJECTS

2017
rekap.kemdikbud.go.id · with ACDP
Full-stack data reporting system for the Ministry of Education (Kemdikbud).

2016
City-wide Wi-Fi rollout, Bogor
PIC & administrator for the Zoomy China Wi-Fi deployment.

2016
Bank Papua training project
IT administration and support for One Degree Consulting's training programme for Bank Papua.

2015 · 2016
Business websites
fideltoys.com, jamsejahtera.com and putikindonesiaberkarya.com.

CERTIFICATIONS

AWS Cloud Practitioner Essentials
2022

DevOps Basics
2023

Back-End Development Fundamentals
2022

JavaScript Programming
2022

Front-End Web Fundamentals
2022

Web Programming Fundamentals
2022

Java for Beginners
2022

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EDUCATION

Bachelor of Information Systems
S1 Sistem Informasi (in progress)
Universitas Terbuka · Oct 2024 – Present

LANGUAGES

Bahasa Indonesia
Native

English
Professional working proficiency

ALSO

- 360° and aerial photography
- Drone piloting for virtual tour capture

ONLINE

Portfolio
jworotikan.github.io

LinkedIn
linkedin.com/in/jworotikan

Live work
virtualtour.semarang.go.id
enjoy.jakarta.go.id/virtualtour
exploreindonesia.govirtual.id