

M. FITRAH JAYA PRADANA

Fullstack Developer / Backend Developer / IT Programmer

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PROFESSIONAL SUMMARY / RINGKASAN PROFESIONAL

Results-driven IT Developer with over 6 years of experience specializing in Fullstack development, enterprise ERP customization (Microsoft Dynamics 365 F&O, NAV), automated web workflows, and database high-availability structures. Proven track record in the maritime shipping industry streamlining crew management, accounting, and system integrations using Laravel, .NET, and SQL Server.

Developer IT berpengalaman lebih dari 6 tahun yang berfokus pada pengembangan Fullstack, kustomisasi ERP perusahaan (Dynamics 365 F&O, NAV), otomatisasi workflow web, dan pengelolaan database High Availability. Memiliki rekam jejak terbukti di industri pelayaran dalam mengoptimalkan manajemen kru, akuntansi, dan integrasi sistem menggunakan Laravel, .NET, dan SQL Server.

TECHNICAL SKILLS / KEAHLIAN TEKNIS

Languages: C# (.NET), PHP, Python, X++, VB.Net, JavaScript, TypeScript

Frameworks: Laravel, CodeIgniter 4, Yii2, ASP.NET, Flutter, Bootstrap, Tailwind CSS

Databases: SQL Server (Always On AG, Replication), MySQL, PostgreSQL

ERP & Cloud: MS Dynamics 365 F&O, Dynamics NAV, Microsoft Azure, Microsoft Flow (Power Automate)

Automation & AI: Playwright, Selenium, Pandas, VBA, Prompt Engineering, ChatGPT productivity

Networking: Mikrotik Configuration

Bahasa: C# (.NET), PHP, Python, X++, VB.Net, JavaScript, TypeScript

Framework: Laravel, CodeIgniter 4, Yii2, ASP.NET, Flutter, Bootstrap, Tailwind CSS

Database: SQL Server (Always On AG, Replikasi), MySQL, PostgreSQL

ERP & Cloud: MS Dynamics 365 F&O, Dynamics NAV, Microsoft Azure, Microsoft Flow

Otomatisasi & AI: Playwright, Selenium, Pandas, VBA, Prompt Engineering, ChatGPT productivity

Jaringan: Konfigurasi Mikrotik

WORK EXPERIENCE / PENGALAMAN KERJA

PT Sinarmas LDA Maritime — IT Developer / Software Engineer ERP

November 2023 – May 2026 | Shipping & Maritime Logistics Company

- Developed and maintained enterprise ERP web apps (Crewing, Finance, Accounting) using **ASP.NET (C#)**, LINQ, and SQL Server Stored Procedures.
 - Built a centralized **Single Sign-On (SSO)** platform integrated with LOGTO using Laravel, supporting multi-database architectures and microservices.
 - Designed an automated **Recruitment & Crewing System** tracking personal data, crew placement, and mandatory document expiration alerts.
 - Implemented **SQL Server Always On Availability Group (AOAG)** across Jakarta and Surabaya servers to guarantee continuous high availability and zero downtime.
 - Created web automation scripts using **Python, Playwright, and Pandas** to batch-upload large operational maritime metrics from Excel to portals.
 - Leveraged AI-assisted programming (ChatGPT) and advanced prompt engineering to accelerate legacy code modernization and query optimization by 30-40%.
- *Mengembangkan dan memelihara aplikasi web ERP perusahaan (Kru, Keuangan, Akuntansi) menggunakan **ASP.NET (C#)**, LINQ, dan Stored Procedures SQL Server.*
 - *Membangun platform terpusat **Single Sign-On (SSO)** terintegrasi LOGTO menggunakan Laravel, mendukung arsitektur multi-database dan microservices.*
 - *Merancang **Sistem Rekrutmen & Kru** otomatis untuk melacak data personal, penempatan kru, dan pengingat masa berlaku dokumen penting.*
 - *Mengimplementasikan **SQL Server Always On Availability Group (AOAG)** antara server Jakarta dan Surabaya untuk menjamin ketersediaan tinggi dan meminimalkan downtime.*
 - *Membuat skrip otomatisasi web menggunakan **Python, Playwright, dan Pandas** untuk memproses dan menginput data operasional maritim secara massal dari Excel.*
 - *Memanfaatkan pengembangan berbasis AI (ChatGPT) untuk mempercepat modernisasi kode lawas dan optimalisasi query database sebesar 30-40%.*

PT Patria Maritime Lines — IT Programmer

February 2020 – November 2023 | Shipping & Cargo Transportation Company

- Customized and expanded **ERP Microsoft Dynamics 365 Finance & Operations** using X++ language inside Visual Studio and SQL Server backend.
 - Created complex financial and operational reports (Monitoring Purchase, Invoice Journals, Voyage Tracking, and On-Hand Inventory).
 - Developed customized automated **Workflow Approvals** across multiple modules including Accounts Receivable, Accounts Payable, and Budgeting.
 - Designed and deployed an internal **Web Document Filing System** using CodeIgniter 4 and MySQL, integrated with ERP data via Microsoft Flow.
 - Developed a mobile-responsive **Fixed Asset System** using Laravel with built-in QR Code/Barcode scanning for assets deployed on vessels and offices.
- *Melakukan kustomisasi dan pengembangan sistem **ERP Microsoft Dynamics 365 F&O** menggunakan bahasa X++, Visual Studio, dan database SQL Server.*
 - *Membuat laporan kustom yang kompleks (Monitoring Purchase, Invoice Journal, Pelacakan Voyage, dan Sisa Stok Inventaris).*
 - *Mengembangkan sistem otomatisasi **Workflow Approval** pada modul Account Receivable, Account Payable, Budgeting, dan Akuntansi.*
 - *Merancang dan mengimplementasikan **Sistem WEB Filing Document** untuk pelacakan arsip menggunakan CodeIgniter 4 dan MySQL yang terintegrasi ERP.*
 - *Membangun **Sistem Fixed Asset** berbasis Laravel yang responsif mobile lengkap dengan fitur scan QR Code dan Barcode untuk melacak aset kapal dan kantor.*

FREELANCE & INTERNSHIP / PROYEK SAMPINGAN & MAGANG

Freelance Android Developer — Student Attendance Mobile App

- Developed a cross-platform mobile app for a client's academic thesis project using **Flutter**, with Laravel framework powering the REST API backend.
- *Mengembangkan aplikasi mobile presensi siswa untuk kebutuhan tesis klien menggunakan **Flutter** dan Laravel sebagai backend API.*

PT Century Batteries Indonesia — IT Developer Intern (PPC Dept)

September 2018 – December 2018

- Built an employee overtime scheduling system using VB.Net, Crystal Reports, and MySQL.
- Maintained internal web dashboards using PHP Native and JavaScript.
- Developed a real-time production performance monitoring dashboard per machine lane using CodeIgniter and AJAX graphs.
- *Membangun aplikasi penjadwalan lembur karyawan berbasis VB.Net, Crystal Reports, dan database MySQL.*
- *Melakukan pemeliharaan sistem dashboard web internal menggunakan PHP Native dan JavaScript.*
- *Mengembangkan dashboard monitoring performa produksi real-time per lane mesin menggunakan CodeIgniter dan AJAX grafis.*

EDUCATION / PENDIDIKAN

Universitas Bina Insani

Bachelor of Computer Science (S.Kom) - Informatics Engineering

Year of Graduation: 2019

Sarjana Teknik Informatika (S.Kom)

Tahun Kelulusan: 2019