



Syaiful Amir

Engineering Lead · Full-Stack Web, Mobile & AI Developer

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PROFESSIONAL SUMMARY

Full-stack engineer and Engineering Lead with 10+ years of experience building scalable systems across backend and frontend — from Laravel, Node.js, .NET, and Go on the server side to React, Next.js, and React Native on the client side.

Strong background in microservices architecture, API gateway design, and queue & worker systems, with proven delivery of enterprise applications such as ERP, CMS, client portals, and trading platforms. Currently leading IT strategy and engineering at dxtr Asia — directing project workflows of ~25 people and a 10-engineer backend team — while accelerating delivery with AI coding assistants (Claude Code, Codex, Cursor, Copilot, or similar) and agentic workflows with BMAD.

CORE SKILLS

Backend	PHP / Laravel / Lumen, Node.js, .NET / C# / ASP.NET, Go
Frontend	React.js, React TypeScript, Next.js, React Native, Angular, Gatsby
Database	PostgreSQL, MySQL, SQL Server, MongoDB, Redis, Oracle
Architecture & Infra	Microservices, Kong API Gateway, RabbitMQ, Redis Queue / Pub-Sub, Docker, AWS, CI/CD
AI & Automation	Claude Code, Codex, Cursor, GitHub Copilot, BMAD (agentic workflows), prompt engineering, LLM integration
Other Tools	Git / GitHub / GitLab, SharePoint (On-Prem & O365), SPFx, Power BI, Jira

SELECTED PROJECTS

Merchaint — Singapore — Full-stack development for a Singapore-based platform (freelance).	2025–2026
PT HM Sampoerna — AYO / SRC Ecosystem — Retail ecosystem: Collection API microservices (Laravel); Customer, Retailer & Cashier apps (Android, React Native); Field-Force app (iOS, React Native); Principal admin (Angular 6).	2019–2021
BPKP — Government Platforms (freelance full-stack): eSPIP; AAIP portal, LMS & mobile app (aaipi.or.id); Kendali Mutu; Risk Management Information System (RMIS); scholarship & study-leave approval workflow; SIBIJAK (LMS, data center, credit-point).	2017–2024
Asetku — Web & Admin Dashboard — Corporate website v1 & v2 and "Manage Asli RI" admin console (React, TypeScript, Gatsby).	2021–2022
Valutrades — Online Trading Platform — Trading platform backend & microservices.	2022 – Present
Health & Community Mobile Apps (freelance): Ceria — teen anemia-prevention app; Forki — federation mobile app. React Native.	2022
PT Infimedia clients — Enterprise Portals — e-Procurement & custom API for Mitratel / Telkom (.NET Core); LMS for ASABRI (SharePoint O365, SPFx, React TS); SharePoint solutions for ABNR Counsellors at Law & Paiton Energy.	2018–2019
PT Sysnetsoft clients — Enterprise .NET — e-CME for Boehringer Ingelheim; e-Tras for Surya Sudeco; e-Reagent CRM (C# / .NET).	2016–2017

PROFESSIONAL EXPERIENCE

Engineering Lead — **dxtr Asia**

Jan 2024 – Present

Jakarta, Indonesia · Hybrid

- Direct cross-functional project workflows of ~25 people; lead a 10-engineer backend team (direct & indirect).
- Lead the IT team and daily operations across systems, networks, and support services.
- Design and oversee scalable, secure, and high-performing IT architectures.
- Oversee development and integration of software systems including ERP, CRM, and cloud-based platforms.
- Monitor cybersecurity risks and implement protective measures; align technology initiatives with business goals.

Technical Lead — **MIFX**

Jan 2023 – Jan 2024

Jakarta, Indonesia · Hybrid

- Led the backend team with technical guidance and mentorship.
- Designed and developed scalable, high-performance backend systems and APIs.
- Built microservices-based architectures and optimized system performance.
- Implemented security best practices and disaster-recovery planning.

Tech: Laravel, Node.js, RabbitMQ, PostgreSQL, MongoDB, AWS

Technical Lead — **dxtr Asia**

Aug 2022 – Jan 2023

South Jakarta, Indonesia · Hybrid

- Designed and implemented backend architectures supporting scalability, maintainability, and security.
- Collaborated with frontend developers, product managers, and DevOps teams.
- Monitored and optimized database performance and API response times.

Tech: Laravel, Node.js, RESTful API, JSON-RPC, CI/CD

Senior Frontend Developer — **Asetku**

Dec 2021 – Jul 2022

Jakarta, Indonesia · Hybrid

- Designed the frontend architecture and built the base structure with React TypeScript and Gatsby.
- Created reusable global UI components for SPRINT-based delivery.

Tech: React.js, TypeScript, Gatsby

Full Stack Developer — **dxtr Asia**

May 2019 – Nov 2021

Jakarta, Indonesia · Remote

- Frontend: React.js, TypeScript, React Native, Angular 6. Backend: Laravel & Lumen (microservices).
- Delivered SPRINT-based features end-to-end; tooling with Jira, AWS, and Git.

Web Developer — **PT Infimedia Solusi Pratama**

Feb 2018 – Apr 2019

Jakarta Selatan, Indonesia · On-site

- Systems analyst and programmer for the company's e-Procurement system.
- SharePoint On-Premise 2013 (custom web parts, .NET farm solutions) and Online / O365 (SPFx + React TypeScript, Power BI).

Tech: SharePoint, SPFx, React TypeScript, Power BI, C#

Web Developer — **PT. Sysnetsoft**

Jan 2016 – Jan 2018

Jakarta Timur, Indonesia · On-site

- Developed programs, performed unit testing and bug fixing, and reported WBS progress; handled product maintenance and CRM application development.

Tech: PHP, MySQL, JavaScript, CRM

Web Programmer — PT. Sakura System Solutions

Jun 2015 – Dec 2015

Jakarta, Indonesia · On-site

- Systems analyst designing and analyzing databases and program flows for HR management (payroll, employee KPIs).

Tech: PHP, HR System

Programmer — PT. Mede Media Softika

Aug 2014 – Nov 2014

Greater Jakarta Area, Indonesia · On-site

- Program development, unit testing, and bug fixing.

Tech: PHP, phpMyAdmin

EDUCATION

Universitas Terbuka — Sistem Informasi (S1)	2025 – Present
Universitas Bina Sarana Informatika (BSI) — D3, Manajemen Informatika	2016 – 2019
SMK Wikrama Bogor — Software Engineering (Vocational)	2012 – 2015

CERTIFICATIONS & AWARDS

 Winner — LKS Web Design (SMK Wikrama Bogor level)	2013
 Winner — LKS Web Design (Kota Bogor level)	2013
 Participant — Web Design Competition (West Java Province)	2013
 Vocational English Teachers' Association (VETA)	2015
 Developing with the SharePoint Framework — MOC 55249A (Microsoft Partner, ExecuTrain)	2019

LANGUAGES

Bahasa Indonesia	Native
English	B1.1 · Intermediate