

EXECUTIVE SUMMARY

Full-Stack Engineer with 10+ years of production experience designing and deploying high-performance web systems, high-throughput RESTful APIs, and automated data pipelines. Proven record delivering for international clients (Singapore, Remote) and enterprise organizations (PT. HM. Sampoerna / Philip Morris). Expert in modernizing backends, orchestrating cloud databases, and integrating Google Gemini / AI APIs into business workflows.

CORE TECHNICAL SKILLS

Backend

PHP (Laravel), Python, Node.js (Express), C#/.NET, REST APIs

Frontend

JavaScript (ES6+), HTML5/CSS3, Tailwind CSS, Alpine.js, Responsive UI

Database & Infra

PostgreSQL, MySQL, MS SQL, Redis, Linux/VPS, Nginx, Git, Cron

AI & Automation

Gemini AI, TensorFlow.js, MediaPipe, RSS/Scraping, Telegram Bots

SELECTED PROJECTS & PROFESSIONAL EXPERIENCE

- Lead Backend / Full-Stack Engineer — GetBizAlert

2026 – Present (Ongoing) • Singapore (B2B SaaS)

Architected an intelligent tender discovery SaaS tracking 95+ government and corporate RSS feeds across Southeast Asia, indexing 700+ commercial opportunities.

• Multi-stream fault-tolerant RSS ingestion engine • Google Gemini AI semantic analysis & tender tagging • Automated real-time email & webhook alert dispatch
- Full-Stack Developer — GrowLab Platform

2026 • EdTech & Gamification

Developed an interactive gamified EdTech platform integrating real-time student quest progression, mission challenges, and carbon-offset tracking algorithms to foster environmental stewardship.
- Backend & API Architect — ZapHabit

2025 • Mobile SaaS (Remote)

Engineered resilient REST API infrastructure powering cross-platform mobile habit tracking apps on iOS & Android.

• High-throughput streak calculation engine • Timezone-aware push notification scheduler • JWT offline-first sync with sub-50ms API response latency
- Full-Stack FinTech Developer — SmartCopyTrade Platform

2024 – 2025 • FinTech Automation

Automated multi-broker trade synchronization platform mirroring expert strategies with sub-second execution speed, strict stop-loss safeguards, and real-time subscriber account monitoring.
- Frontend Developer — Field-iQ (PT. HM. Sampoerna / Philip Morris Int.)

2017 – 2018 • Enterprise CRM

Built enterprise territory and field-sales force management CRM serving 2,500+ active field reps via technology vendor partner.

• Real-time GPS location tracking & route verification • Interactive territory heatmaps via Leaflet/Mapbox • High-volume daily store-visit logs & executive analytics dashboards

EDUCATION & LEADERSHIP

Bachelor's Degree in Computer Science / Informatics

Solid foundation in software architecture, distributed systems, and data structures.

Technology Educator & Workshop Speaker (2020 – Present)

Mentored hundreds of educators and students in Computational Thinking, AI Tools & Web Development.