

SARIKHIN

Fullstack Software Engineer | Go, Flutter, React, TypeScript, PostgreSQL

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PROFESSIONAL SUMMARY

Product-oriented Fullstack Software Engineer with formal software development experience since 2022 and a broader professional background in pharmacy, QA/QC, validation, and Computer System Validation. Experienced in building production web, mobile, and backend systems using Go, Node.js, Flutter, React, TypeScript, PostgreSQL, Redis, Docker, and cloud/server deployment. Proven track record rebuilding and modernizing enterprise systems, developing mobile and web applications from scratch, migrating legacy systems, maintaining application servers, and delivering business-critical internal tools. Strong domain exposure in tire retreading operations, document management, quality management systems, digital signature workflows, healthcare/pharmacy SaaS, compliance-oriented systems, and multi-tenant product development.

CORE SKILLS

Backend	Golang, Gin, Go Fiber, Node.js, Express.js, Python, Django REST Framework, REST API, gRPC
Frontend	React.js, TypeScript, JavaScript, Vite, Zustand, Vue.js, Nuxt.js, Tailwind CSS, MUI
Mobile	Flutter, Dart, Provider, RxDart, Firebase, Android development, Google Maps integration
Database & Cache	PostgreSQL, MySQL, Redis, database migration, SQL reporting, query optimization
DevOps & Infra	Docker, Docker Compose, Nginx, Linux VPS, SSL/Certbot, AWS, GCP, GitHub Actions, CI/CD
Product & Domain	SaaS, multi-tenant architecture, POS, inventory, EMR/RME, SATUSEHAT, fleet tracking, QA/QC systems

PROFESSIONAL EXPERIENCE

Fullstack Developer | PT. Indo Retreading and Tire Service

May 2023 - Present | Cikarang Selatan / Bekasi, Indonesia

- Rebuilt and modernized the ITMS server into the IRTS ONE ecosystem, covering backend services, mobile application, web application, and web admin monitoring.
 - Developed IRTS ONE mobile application from scratch and supported migration from the legacy ITMS platform into the new system architecture.
 - Designed and implemented backend services using Node.js and Go, including API development, database integration, Redis usage, and production troubleshooting.
 - Built and maintained React/Vite web applications for operational workflows, dashboard monitoring, tire retreading processes, reporting, and administration.
 - Created complex SQL reporting for work orders, curing batches, tire inspections, retread orders, customer analysis, aging AR, and operational performance metrics.
 - Led and supported development activities, including feature planning, debugging, code quality improvement, deployment support, and cross-functional collaboration.
- Tech:** Go, Gin, Node.js, Express.js, Flutter, Dart, Provider, Firebase, React.js, Vite, Zustand, PostgreSQL, Redis, AWS, Docker, SQL

Fullstack Developer | Pelita Bangsa University (Freelance)

Dec 2022 - Present | Bekasi, Indonesia

- Built SISKERMA, a document management system for MoA, MoU, and institutional collaboration documents, from initial requirements through deployment.
 - Built ESPMI, an internal quality management application used to support quality assurance workflows and institutional quality documentation.
 - Developed and maintained a digital signature application and supported server maintenance for university web applications.
 - Implemented backend APIs, web interfaces, database models, application deployment, bug fixes, and production maintenance for multiple systems.
- Tech:** Go, Django REST Framework, React.js, Vite, Flutter, Dart, RxDart, Firebase, MySQL, Linux server, Nginx

Fullstack / Backend Developer | Agung Sedayu Group

Jan 2022 - May 2023 | Jakarta, Indonesia

- Contributed to development and maintenance of Sedayu One City Android/mobile application and supporting backend systems.
 - Implemented new mobile features including Google Maps integration and collaborated with UI/UX teams to translate designs into functional application screens.
 - Fixed bugs, improved application quality, and supported ongoing feature development for business and customer-facing workflows.
- Tech:** Flutter, Dart, RxDart, Firebase, Django REST Framework, MySQL, GCP, Google Maps

QA Inspector | Computer System Validation | PT Kalbe Farma, Tbk

Mar 2018 - Sep 2019 | Cikarang, Indonesia

- Handled QA inspection and Computer System Validation activities in a regulated pharmaceutical manufacturing environment.
- Gained practical exposure to validation, documentation discipline, quality assurance, compliance, and controlled system processes.

QA / QC Inspector and Pharmacist Assistant | Hexpharm Jaya Laboratories, PT Aneka Kimia Lestari, Klinik Central Medika

Jan 2014 - Jan 2022 | Cikarang / Serang, Indonesia

- Worked across pharmacy assistance, IPC, incoming inspection, finished goods inspection, deviation handling, process validation, and quality control activities.
- Built strong domain understanding in pharmacy, manufacturing operations, quality systems, and regulated operational workflows.

SELECTED PROJECTS

- **IRTS ONE Mobile:** Enterprise mobile application for tire retreading operations; built with Flutter and integrated with operational backend services. Play Store: play.google.com/store/apps/details?id=com.irtsone.go
- **IRTS ONE Web and Web Admin:** Operational web platform and admin monitoring dashboard for IRTS ONE, covering workflow monitoring, reporting, administration, and migration from legacy ITMS. app.irts-one.com | admin.irts-one.com
- **SISKERMA:** Document management platform for collaboration documents such as MoA and MoU at Pelita Bangsa University. siskerma.pelitabangsa.ac.id
- **ESPMI:** Internal quality management system for institutional quality assurance workflows. espmi.pelitabangsa.ac.id
- **Tandatangan Digital:** Digital signature workflow application for institutional document signing and verification. tandatangan.pelitabangsa.ac.id
- **Sedayu One City:** Mobile application feature development and maintenance, including Google Maps integration. Play Store: play.google.com/store/apps/details?id=id.qcluster.soc
- **obat.in:** Independent SaaS product initiative for pharmacy/POS/clinic workflows, inventory, multi-outlet tenancy, RME/EMR concepts, SATUSEHAT integration planning, security controls, monitoring, backup, governance, and compliance documentation.
- **Vetracka:** Independent fleet tracking product initiative with Flutter mobile, Go Fiber backend, PostgreSQL/Redis, GPS, OBD2/Bluetooth telemetry concepts, web dashboard, multi-tenant architecture, and real-time fleet monitoring.
- **ComposeGuard:** Open-source Go CLI project for Docker Compose validation, release automation, CI/CD, roadmap planning, and future TUI expansion. GitHub: github.com/IKHINtech/composeguard
- **React PDF Tools:** Independent web tool for PDF merge, page insertion, reordering, preview, zoom, text/image/signature annotation, active page copy, and editing workflow improvements.

EDUCATION

Pelita Bangsa University — Bachelor / S.Kom, Information Technology / Computer Science | GPA 3.57/4.00 | 2017 - 2022

SMK AL-SYA'IRIYAH LIMPUNG — Pharmacy Assistant | 2010 - 2013

CERTIFICATIONS AND COURSES

Belajar Membuat Aplikasi Web dengan React, Belajar Dasar Pemrograman Web, Belajar Membuat Front-End Web untuk Pemula, Pemrograman Go-Lang: Pemula sampai Mahir, Belajar Dasar Pemrograman JavaScript, Belajar Dasar-Dasar DevOps, Belajar Jaringan Komputer Untuk Pemula, Architecting on AWS, AWS Cloud Practitioner Essentials, Belajar Prinsip Pemrograman SOLID, Belajar Membuat Aplikasi Android untuk Pemula, Memulai Pemrograman Dengan Kotlin

LANGUAGES

Indonesian: Native | English: Professional reading/writing for technical documentation | Japanese: Elementary