

Nibras Itqon Ihsani

Software Engineer

+62 821 3183 4984 | itqonnibras@gmail.com | [linkedin.com/in/itqonibras](https://www.linkedin.com/in/itqonibras) | github.com/itqonibras
itqonibras.my.id | Depok, West Java

Summary

Early-career Software Engineer with hands-on experience building full-stack web systems, client-facing applications, and production mobile software. Experienced in backend services, relational data modeling, workflow-driven systems, and frontend development.

Education

Universitas Indonesia

Bachelor of Information Systems

GPA: 3.06 / 4.00

2022 - 2026

Experience

PT Solusi Teknologi Informasi

Contract Software Engineer / Software Engineering Intern

Feb 2026 - Sep 2026

- Initiated a full-stack Performance Management System during my internship and continued developing and maintaining it as a contract software engineer, using Next.js, Spring Boot, and PostgreSQL across KPI, activity, reporting, and remuneration workflows.
- Designed and implemented permission-based access control combining user roles with position-derived permissions, enforcing authorization across backend APIs and role-aware frontend workflows.
- Developed hierarchical KPI and activity workflows with multi-step approvals, reviewer routing, formula-based KPI evaluation, configurable scoring rules, and domain validation.
- Designed and evolved a Flyway-managed PostgreSQL schema with **26 tables**, hierarchical relationships, integrity constraints, and transactional workflows, supported by automated backend and frontend tests.

Panasdingin.id

Freelance Frontend Developer

Jan 2026 - Mar 2026

- Developed an interactive chemistry learning application using Next.js and TypeScript, organizing **14 educational units** across comic-based lessons, learning materials, interactive science models, and quizzes.
- Integrated interactive navigation, transitions, parallax effects, and 3D visuals using modern frontend animation and rendering libraries.
- Delivered responsive desktop and mobile experiences, implemented browser-persisted quiz progress, and configured the application for deployment on Vercel.

Optima Antibiotik

Mobile Developer, RISTEK Fasilkom UI

Jun 2024 - Jun 2025

- Developed a Flutter-based clinical decision-support application with **40+ diagnostic flows** used by **90+ healthcare professionals**, translating complex medical requirements into reliable application logic.
- Applied Clean Architecture to structure the application for maintainability and scalability, separating presentation, domain, and data concerns across the codebase.
- Managed the application release lifecycle, including Google Play Store deployment, bug fixing, and iterative improvements based on project requirements.

Selected Projects

Dewanspace - Dewanstudio Freelancer Workspace

Spring Boot, React, PostgreSQL, Docker, GitLab CI/CD

Feb 2025 - Jun 2025

- Served as lead programmer for a client-based academic project for PT Dewanspace, developing full-stack assignment-management workflows and relational data models.
- Developed **20+ RESTful API endpoints** using Spring Boot, with JWT-based authentication and authorization, standardized validation, and structured error handling.
- Built React-based frontend workflows with asynchronous API integration and configured GitLab CI/CD pipelines with Docker for automated testing and deployment.

Organizational Experience

RISTEK Fasilkom UI

Lead Mobile Development SIG

Feb 2025 - Jan 2026

- Led a technical team of **10+ members** and mentored them on software engineering practices, application architecture, and state management.
- Reviewed code and maintained development quality standards across mobile application projects within the organization.
- Recognized as **Best Lead of RISTEK (Q1 2025)** for leadership, project management, and contributions to team development.

Skills

Languages & Web: TypeScript, JavaScript, Java, SQL, Dart, Python, HTML, CSS

Frameworks & Libraries: Next.js, React, Spring Boot, Flutter

Databases: PostgreSQL, MySQL

Tools & Technologies: Git, Docker, REST APIs, GitLab CI/CD, Postman, Vercel

Languages Spoken: Indonesian (Native), English (Working Proficiency)