

YOHANES PRATAMA NAIBAHO

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Jakarta - Indonesia

Software Engineer experienced in building scalable, high-impact systems across the stack. Strong in problem-solving, system design, and delivering reliable solutions in global teams. Focused on performance, clean architecture, and driving measurable engineering outcomes, with proven experience across diverse industries, collaboration in international teams, and exposure to leadership initiatives.

Work Experiences

PT Bank Rakyat Indonesia (Persero) Tbk - Jakarta, Indonesia

May 2026 - Present

Frontend Engineer - via Entrust Digital

- Build QLola, a high-traffic corporate banking platform powering secure transaction workflows for enterprise-level clients.
- Engineer a multilanguage (i18n) system replacing duplicated per-team translation work with a shared standard, including full Chinese-language support, improving the experience for overseas/China-based enterprise users.
- Architect the microfrontend framework and shared component library adopted by 20+ teams, enabling independent shipping while maintaining UI consistency platform wide.
- Tech Stack: Next.js, React, TypeScript, Shadcn, Storybook, Module Federation, Tailwind CSS, TanStack React Query, React Hook Form, Zod, i18next, Jest, Sonarqube, UI/UX, Go, Restful API.

LG Group (LG Sinarmas / LG CNS) - Jakarta, Indonesia

May 2024 - May 2026

Associate Software Engineer (Fullstack) - Core Global Unit

- Served as Tech Lead for an internal special task force at LG Sinarmas, leading architecture and development of enterprise internal systems, HRIS, KPI, L&D, and Career Portal platforms, built on a microfrontend and microservice architecture (React Typescript, Spring Boot, TanStack, Webpack Module Federation, Storybook), including reusable internal packages adopted across teams.
- Led enterprise MES and Smart Factory system development for LG CNS's Factova MES+ platform and LG Energy Solution, deployed across PT. HLI Green Power and 10+ global factory sites (.NET, WPF, Java, C#, Oracle, SSMS, React, Spring Boot, IoT, BizActor), contributed to 15% cost savings and an 85% cost-performance ratio through optimized GDC global delivery execution and standardized process allocation.
- Owned observability and reliability for XLSmart BOT's migration from AWS/GCP to Tencent Cloud (in partnership with Tencent) across three migration waves using blue-green deployment, maintained 99.99% service availability, sub-52ms latency, and <0.1% error rate throughout, with monitoring via Datadog, Grafana, and Tencent Cloud's native observability suite (TCOP, APM, CLS, CLB, CVM).
- Selected as one of 23 talents globally from LG CNS subsidiaries (Vietnam, US, China, India, Colombia, Greece) for One CNS Week leadership program at LG CNS HQ, Seoul, including direct sessions with C-level executives; 1st Place Winner – LGSM Hackathon

BPJS Kesehatan - Jakarta, Indonesia

Feb 2024 - May 2024

QA Automation Engineer

- Introduced automated testing to the team, which previously relied entirely on manual QA, building front-end test automation frameworks and reusable end-to-end suites from scratch (Selenium, Katalon Studio, JavaScript-based tooling) for SPA and REST-driven architectures, expanding UI coverage and shortening regression cycles.
- Ran performance and load testing with JMeter to identify bottlenecks affecting system responsiveness, and integrated automated test execution into Git-based CI/CD pipelines and TestOps platforms, moving the team from manual, ad-hoc checks to automated runs on every commit.
- Translated BRD/CRF requirements into test scenarios with product, design, and backend teams, and debugged UI/UX issues across browsers and devices.

Knight Connections Sdn Bhd - Remote, Malaysia

Jan 2023 - Dec 2023

Software Developer

- Built and maintained a stock/inventory management dashboard (MERN Stack) for Gashapon and Bushiroad retail operations serving the Singapore and Japan regions, supporting real-time stock tracking across multiple outlets
- Migrated and cleaned ~10,000+ product/data records from Excel into a structured database for the Vanguard Cardfight Indonesia CMS, building a Python automation script to handle ongoing data ingestion and reduce manual entry
- Independently delivered full-stack websites from requirements through deployment for clients across different countries, using PHP (Laravel) and Voyager CMS, owning architecture, development, and post-launch support end-to-end

Education Level

President University - Bekasi, Indonesia

Sep 2019 - May 2023

Bachelor of Science in Computing (B.Sc.IT), 3.31/4.00

- Academic Award: The Jababeka Scholarship of 70% tuition fee waiver.
- Clubs & Societies: PUMC (Music Community), COOL (Christian Organization), PUBC (Badminton Club), Computing Health Futsal.

- Academic Final Project: Building A User-Friendly English-to-Batak Toba Dictionary with Fuzzy Search and Speech Synthesis using Vue.js and Fuse.js

Skills, Achievements & Other Experience

- **PL:** JavaScript / TypeScript, Python, C#, Java, Go, PHP, SQL (SQL Server, Oracle, PostgreSQL, MySQL, MongoDB), HTML5, CSS
- **Software Tools & Frameworks:** React.js, Next.js, Vue.js, Node.js, Tailwind CSS, shadcn, Bootstrap, WPF, Storybook, .NET, Webpack, Vite, Docker, Git, Jira, Confluence, Jest, Selenium, Katalon, JMeter, k6, Datadog, Grafana, CI/CD pipelines, n8n
- **Knowledge:** System Design, Microfrontend, Microservices, RESTful APIs, Performance & Load Testing, UI/UX, Clean Architecture, Data Analytics, AI & LLM
- **Soft Skills:** Communication, Problem Solving, Collaboration, Adaptability, Ownership, Time Management, Attention to Detail
- **Volunteer:** DNPU (Feb - Apr 2021), PUI (Sep - Dec 2020), SPU (Jan - Mar 2020), CSGO (Jan - Feb 2020), PUMC (Dec 2019).
- **Bootcamp** 🏆 (2023): GoTo Engineering Camp (DevCamp) - Front End Cohort
- **Certificate** 🏆 (2023): IELTS English Proficiency - PDC x LB LIA
- **Certificate** 🏆 (2022): Professional React Developer - Kominfo x Digitalent
- **Certificate** 🏆 (2022): Professional Google IT Support - Baparekraf x Dicoding