# M. Daffa Badran Thoriq

Full Stack Software Engineer | Next.js, TypeScript, Golang | AI and LLM Applications
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## SUMMARY

Full Stack Software Engineer with 4.5+ years building production platforms in fintech, travel and AI, with a strong focus on LLM applications. Shipped a Claude powered trading extension and led the Next.js, TypeScript and Golang rebuild of a 4 country collections platform, cutting response time by more than 75%. Led teams of 3 and mentored 200+ bootcamp students.

## SKILLS

**Frontend and Design:** React.js, Next.js, TypeScript, Tailwind CSS, Responsive Design, Web Performance (Core Web Vitals), SEO, Figma, UI/UX Design, Unit Testing

**Backend and Data:** Golang (Go), Node.js, Express.js, REST API Design, Kafka, Event Driven Architecture, MySQL, BigQuery, Firebase, Supabase

**Cloud, Monitoring and Payments:** Google Cloud Platform, Datadog, Kibana, Grafana, Scalyr, Stripe, Xendit

**AI and LLM Applications:** Claude API, Prompt Engineering, LLM Application Development, Agentic AI (OpenClaw, Hermes Agent), MCP, Claude Code, GitHub Copilot, Cursor, CRM and WhatsApp Integration (Mekari Qontak)

**Currently building:** AI Agents, Structured Outputs, RAG

**Leadership and Mentoring:** Technical Leadership, Product Management, PRD Writing, Sprint Planning, Code Review, Mentoring, Public Speaking, Technical Documentation

**Languages:** Indonesian (native), English (native level)

## PROFESSIONAL EXPERIENCE

**Full-Stack Software Engineer** Jan 2026 to Present

*Kredivo Group | Jakarta, Indonesia (Hybrid) | Full time*
*Consumer fintech and buy-now-pay-later platform operating across Southeast Asia*

- Led the full stack rebuild of the collections platform as Viper V2 (Next.js 16, TypeScript, Node.js, Golang) with a responsive UI/UX redesign, role based access control and 90+ Lighthouse scores on desktop and mobile, resolving 10+ legacy bugs.
- Cut response time from about 12 s to 2 to 3 s (75%+ faster, measured in Datadog) with pagination, indexing, cache TTL and database locking.
- Expanded Viper V2 from 1 region to 4 (Indonesia, Thailand, the Philippines, Vietnam), working with each regional team to simplify daily tasks and giving each independent BigQuery reporting, with 90%+ test coverage per region and stable logging and deployment pipelines.
- Automated access registration and removal for 5,000+ employees (field agents to AVP) with CRON schedulers and an event driven Go service on Kafka, syncing from the HR system (Darwinbox) through HMAC verified webhooks with a polling fallback, replacing manual registration.
- Cut stakeholder request delivery time by roughly 70% by matching the tool to the problem (Apps Script, Cloud Run, BigQuery Scheduled Queries, AppSheet), including 5 GCP schedulers that email collections reports (such as the QC team's AI platform report) with Slack success and error alerts, and service account authentication replacing personal OAuth.
- Delivered the Agent Onboarding Journey Tracking platform, unifying data from 7 teams (HR, L&D, Trainer, Team Lead, QC, Area and Regional Manager) so leadership can track and improve onboarding pass rates.

**tiket.com** Mar 2022 to Dec 2025

*PT Global Tiket Network | Jakarta, Indonesia (Hybrid) | Full time*
*Indonesia's largest online travel and transportation marketplace*

**Software Engineer II (Frontend)** Jan 2025 to Dec 2025

- Proposed and drove the move of post purchase pages from full client side to full server side rendering, cutting average page load from about 8 s to 2 to 4 s (50 to 75% faster).
- Owned the frontend migration of the post purchase pages in the company wide project to replace m.tiket.com and tiket.com with one responsive tiket.com for all platforms.
- Took on higher targets: Core Web Vitals in the good range, unit test coverage up from about 75% to 90%+, 85% on time delivery, under 5 bugs and 3 defects. Led code and design reviews, supported the tech lead on sprint planning and wrote a 10 page flow specification used for onboarding and maintenance.
- Wrote a shared markdown prompting guide for GitHub Copilot and Cursor to improve generated feature code and unit tests, coached peers on giving better context, and used Figma and Jira MCP servers with AI assisted PR descriptions and test generation.

**Software Engineer I (Frontend)** Mar 2022 to Dec 2024

- Rebuilt responsive accommodation pages (hotels and homes) in Next.js and TypeScript, raising Lighthouse SEO to 90+ and holding Performance and Accessibility above 90, while owning production debugging and monitoring that kept LCP under 2.5 s and CLS under 0.1 by handling API calls efficiently.
- Delivered the post purchase flows end to end (Reschedule, Refund, Revise Booking, Self Service Rebook and Relocation), monitoring page load with Lighthouse and API response time with Kibana.
- Served all four flows from one shared Next.js codebase embedded through WebView and iframe in the web, Android and iOS apps, with the frontend team as sole code owner. Frontend only changes shipped without an app release, and app side updates (library versions, WebView calls) were coordinated through Confluence and cross team discussion.

**Full-Stack Software Engineer Intern** Dec 2020 to Apr 2021

*PT Telkom Indonesia Tbk | Palembang, Indonesia (On-site) | Internship*

- Built a network problem reporting platform end to end as sole developer in JavaScript and CodeIgniter 3, replacing a paper based incident process with mobile submissions from field teams.

## CONTRACT, PART TIME AND COMMUNITY WORK

**Lead Software Engineer and Product Manager** Feb 2026 to Present

*Pergi Ceria Tour (pergiceria.com) | Jakarta, Indonesia (Remote) | Contract*

*Travel booking platform for local and international tours, with B2C and B2B booking flows*

- Architected and shipped pergiceria.com (Golang, Next.js, MySQL), processing 20+ transactions (B2C and manual orders) worth over IDR 50 million (about USD 2,700) since its Aug 2026 launch, with Xendit across 8+ payment channels, Resend and Twilio notifications, Mekari Qontak CRM and AI for WhatsApp customer conversations, and 90+ Lighthouse and PageSpeed scores.
- Led a team of 3 (engineer, designer, business owner for UAT) from technology research and timeline planning through development, testing, UAT and deployment, delivering on time, and wrote 8 PRDs covering user flows, UI mockups and API contracts, using Claude Code across planning, ERD design, documentation and testing.
- Built B2B tooling: bulk email campaigns promoting tour programs to 100+ B2B companies, and a manual booking form with company specific pricing so B2B customers skip the B2C flow.
- Cut monthly infrastructure cost by about 60% by right sizing the VPS with no loss of product quality, and gated notification triggers to keep messaging costs down.

**Full-Stack Engineer and Community Handler** Oct 2025 to Present

*Fydemy | Singapore (Remote) | Community*

*Cross border tech R&D community focused on AI, Web3 and cybersecurity*

- Co-developed an open source Next.js UI component library (github.com/fydemy/ui) with 5 components, 6 GitHub stars, 6 forks and 5 contributors, and a planned commercial tier.
- Worked across 4+ projects with a focus on open source tooling as an individual contributor, and advised the founder on community quality, audience growth and attracting investors and partners, including as design partner for the cohort program.
- Co-organized the inaugural BitBash Hackathon with 3 partner communities (Kreate.gg, Rakit.dev AI, Dunia Coding), drawing 50 participants (70% above target) and 10+ submissions.
- Delivered 3 tech sharing sessions (software engineering career paths, Next.js 15 features) to 10 to 15 community members each.

**Full-Stack Web Development Bootcamp Mentor** Jan 2025 to Present

*Dibimbing.id | Jakarta, Indonesia (Remote) | Part time (3 to 5 sessions per month)*

- Mentored 200+ students across 10+ batches in 40+ live sessions (JavaScript, TypeScript, React.js, Golang, HTML, CSS, Figma), averaging 4.75+/5 on material understanding, class interactivity and mentor performance, and was asked 5 times to record graduation videos.
- Built session materials: slide decks of about 35 slides with hands on exercise packs on data structures and algorithms and web development fundamentals, including searching and sorting and JavaScript async, with 85%+ of students scoring above 85.
- Taught web development fundamentals to frontend, backend and full stack groups and worked with 3 L&D members and 5 class managers to refine syllabi without diluting technical depth.

**Lead AI Software Engineer** Aug 2025 to Mar 2026

*Jet Studio (Prism) | Vancouver, Canada (Remote) | Contract*

- Architected and shipped Prism, a Chrome extension AI assistant for real time stock and Web3 chart analysis (React.js, TypeScript, Tailwind CSS, Express.js, Firebase, Supabase), built with Claude Code and published on the Chrome Web Store after passing review, with an internal beta of about 5 users.
- Integrated Claude's API as the core feature, turning chart screenshots and questions into real time trend analysis and forecasts, and designed the default system prompt and context enrichment for more relevant, grounded answers, compared before and after in our own review.
- Owned authentication, payments and analytics (Google Auth, Stripe, PostHog) for a full onboarding to payment journey with conversion tracking, and built a responsive interface scoring 90+ on Lighthouse for Performance and SEO.
- Led a 3 person cross functional team across time zones, introducing sprint planning, code standards and review workflows that raised sprint completion from 2 of 5 planned tasks to all 5 (2.5x) with more thorough testing.

## EDUCATION

**Universitas Sriwijaya** Aug 2018 to Jun 2022

*B.S. Computer Science, GPA 3.74 / 4.00 | Palembang, Indonesia*

## SPEAKING AND COMMUNITY

- Fydemy BitBash Hackathon Batch 1, 2026: judge and speaker. Delivered a session on applying AI to real community problems and evaluated every submission against the Community Catalyst brief, live on YouTube with Kreate.gg and Rakit.dev AI.
- UIUXINDO Product Design Festival Virtual 2023: speaker on "From Code to Deploy: Mastering Web Development Fundamentals", 60+ attendees nationwide.