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SUMMARY

Frontend Engineer taking products from Figma to production in TypeScript, React and Next.js. Built design-system components used in 20+ products at Sinarmas' Semesta Quantum Engine, tech-leads startup and client platforms (17k+ users on Noosa), and sets up CI/CD on Vercel and Cloud Run. Ships with Claude Code and Figma MCP, reviewing every change by hand.

EXPERIENCE

Semesta Quantum Engine (Sinarmas Group)

Feb. 2023 – Sep. 2026

Web Front End Engineer

Jakarta, Indonesia

- Built and own the **Table** and **Date Picker** in Horizon, SQE's React design system, used in **20+ products** by 10+ engineers
- Designed the Table as a headless TanStack hook plus presentational component, with server-side mode and frozen columns
- Built the Date Picker with day/month/year views, time picker, disabled-time rules, mobile layout and i18n
- Shipped features as optional props under semver, so 20+ products upgraded with no code changes
- Documented components in Storybook and MDX; co-reviewed Horizon changes with ~15 engineers
- Led frontend of SIMAS-ID, an OAuth 2.0 + PKCE SSO for Nanovest and Siminvest (**5,000+ MAU**)
- Built a shared internal auth library (tsup) so products integrate SSO without duplicating code
- Built a pixel-perfect work-permit dashboard from Figma; TanStack Query prefetching cut page load time **90%**
- Led an audit website build with two frontend developers: set the timeline, wrote the RFC, ran stakeholders
- Set up Datadog RUM, Session Replay and Logging, Amplitude and GTM to track LCP, errors and frustration
- Reviewed PRs discussion-first in a required-approval flow; tested with React Testing Library and Jest

Traveloka

Mar. 2022 – Jul. 2022

Web Front End Engineer Intern, Xperience (Kampus Merdeka)

Tangerang, Indonesia

- Shortlisted from **3,000+** applicants; averaged 91/100 across programming, testing, debugging and UI development
- Moved a Next.js page off Redux to TanStack Query + Jotai; cut search load time **62.89%** (444 ms)
- Wrote integration tests with React Testing Library and Jest; worked in an agile team with Git and Jira

SELECTED PROJECTS

Noosa | *Event ticketing platform; tech lead of a 5-person team, built the whole web app*

2025 – Present

- Reached **17k+ users**, **800+ events**, **24k+ tickets**; 2–4 features a month, each validated by user interviews
- Grew to **80k+ visitors** in Jan–Sep 2026 (GA4, device-based); monthly traffic up ~3.3x by August
- Built a Next.js BFF gateway: Redis rate limiting, reCAPTCHA Enterprise, redacted logs; tokens stay server-side
- Drove rate limits, captcha, caching and log redaction from one typed route table; OpenAPI-generated types
- Built the event builder: cross-field Zod validation, drag-to-reorder questions, server errors on the field
- Made i18n type-safe across 2 locales; hover prefetch + server hydration made list-to-detail instant
- Shipped Sign in with Google, now used by **1.6k** users; its adoption led us to prioritize passkey sign-in next
- Rewrote “Is event private” into a Public / Private “Visibility” control; fixed a 1px loading jump
- Moved hosting from AWS EC2 to Vercel (web) and Cloud Run (backend) with GitHub Actions and release-it

Alumni United 2026 | *@america conference site and registration; tech lead of 3*

2025 – 2026

- Led a 3-dev team from empty repo to event day in 141 days; wrote 265 of 347 commits, cut 42 tagged releases
- Built email-OTP sign-up and session selection across 22 sessions; **1,052** pre-registrations, **850** accounts
- Built mobile admin QR check-in with auto/confirm modes and audio cues; **1,046** check-ins in one day
- Built the admin guest table: URL-bound search and paging, session capacity bars, CSV export, blast email
- Set up GitHub Actions to Cloud Run with keyless Workload Identity Federation; release-it deploys to Vercel
- Ran 13 client revision rounds as one PR each, with same-day tagged releases

PGA ITS | *ITS Golf Alumni scorecard, admin console, member portal; 1,199 users; tech lead of 5*

2026

- Watched paper scoring at a client tournament, then helped shape the scorecard UX; **391** uses over 4 events

- Built local-first score entry that survives bad signal; role-aware polling never overwrites captain edits
- Built all 39 pages across public site, admin console (QR check-in, pairings, live scores) and member portal
- Shipped staging and production on Cloud Run via GitHub Actions with a multi-stage, non-root Bun Docker image

Eternal Vow | *Digital wedding invitation platform; sole developer*

2024 – 2026

- Built public and admin Next.js/tRPC/Prisma apps on one Postgres schema; served **13,250** guests across 105 events
- Served 8 invitation designs from one dynamic route; per-guest link keys gate every RSVP and guestbook write
- Added a Redis read-through cache that the admin CMS invalidates; media via WebP, DO Spaces CDN and Cloudflare

Ecoplease | *B2B eco-packaging catalog site; freelance, sole developer*

2022 – 2026

- Maintained solo for 4 years; upgraded Next.js 12 to 15, React 18 to 19 and Tailwind 3 to 4 without a rewrite
- Built a typed JSON-LD graph, custom sitemap and 308 redirects for 65 legacy URLs; **28k+** users on GA4

Scream or Dance 2026 | *Festival marketing and ticketing site for NGC Live; solo frontend*

2026

- Defined Tailwind v4 design tokens; built an accessible, reduced-motion-safe year switcher; cut images **75%**
- Wrote a responsive Image component on Cloudflare transforms (srcset, AVIF/WebP, no layout shift, lazy loading)

Your Promise | *Fundraising site for a CSUN thesis short film; sole developer*

2023

- Built scroll-linked story animation and film-strip reels in Next.js and Framer Motion without re-renders

Arunala | *Aging education website; CMS infrastructure*

2025

- Contributed an official Railway template for Directus, now listed as maintained by the Directus team

Infrastructure MCP Proxy | *Agent-facing tooling, MCP, Telegram*

- Telegram bot over aggregated MCP servers; AI reports on infra, CI/CD, deploys and logs, and reviews PRs

EDUCATION & CERTIFICATION

DevOps Institute

Apr. 2026 – Nov. 2026

Cloud platform program: Kubernetes, EKS, Argo CD, Terraform, Ansible, Grafana

Indonesia

- Worked through CI/CD, IaC, Kubernetes and EKS GitOps challenges in a 3-person group across 3 envs
- Integrated Claude into infrastructure PRs to review and edit Terraform
- Presented and defended my work to DevOps engineers from GoTo, Gojek and BRI, who reviewed it

Apple Developer Academy @ BINUS

Mar. 2024 – Dec. 2024

iOS Developer & Tech Lead

Tangerang, Indonesia

- Selected as 1 of 200 from **17,000+** applicants; shipped six iOS apps in 10 months with SwiftUI and UIKit
- Led a team of six to ship Tabi, a split-bill app (SwiftUI MVVM, Go, PostgreSQL), in two months
- Built HUH, an ASL learning app with CreateML hand-pose detection at **90%+** accuracy per letter

Universitas Indonesia

Aug. 2019 – Jan. 2023

Bachelor of Electrical Engineering, GPA 3.77/4.00 (Cum Laude)

Depok, Indonesia

- Redesigned the IME FTUI website solo: 13 pages in vanilla HTML, CSS and JavaScript

SKILLS

Languages: TypeScript, JavaScript, HTML, CSS, Swift, Go, Python

Frontend: React, Next.js, Tailwind CSS, Shadcn UI, TanStack Query/Table, Zustand, Jotai, Zod, Storybook, Framer Motion, i18n

Design: Figma, design systems, design tokens, user interviews, microcopy

Backend & Data: PostgreSQL, Prisma, tRPC, Redis, OAuth 2.0 / PKCE, OpenAPI codegen

Platform: Docker, GitHub Actions, Vercel, Cloud Run, AWS, Cloudflare, Kubernetes, Terraform

Quality & Analytics: Jest, React Testing Library, Datadog RUM and Session Replay, GA4, Amplitude

AI: Claude Code, Claude in Chrome, Figma MCP, MCP servers

Spoken: English (working proficiency), Bahasa Indonesia (native)