ARLIN SASQIA PUSPA SHIFFA

Frontend Engineer | React • Next.js • TypeScript • UI & Motion

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PROFESSIONAL SUMMARY

Frontend Engineer with 6+ years of experience building production web applications across Web3, e-commerce, and government projects, most recently with React, Next.js, and TypeScript. Owns features end to end, from design review and API integration to release, and is the go-to engineer on the team for UI quality and motion. Built 8 frontends across web, browser extension, and mobile at Nusameta, including a live blockchain portal, and built **Diametra**, a design system adopted across product teams at SIRCLO. Uses AI to speed up repetitive work, while crafting UI details and motion by hand and reviewing every AI output before release.

CORE SKILLS

Frontend: React, Next.js, TypeScript, JavaScript (ES6+), React Native, Redux / Redux Toolkit, Context API, HTML5, CSS/SCSS, Tailwind CSS, Emotion

Data & Integration: REST APIs, GraphQL, React Query, WebSockets (real-time updates), Strapi (headless CMS)

Testing & Delivery: Jest, React Testing Library, Playwright (E2E), SIT/UAT, GitHub Actions (CI/CD), Vercel, Docker, Git

Performance & Quality: Lighthouse audits, image and animation optimization, responsive and cross-browser development, accessibility (a11y)

UI & Design Systems: Atomic Design, component libraries, design tokens, Storybook, Rollup, Figma prototyping

Motion: GSAP, Lottie, After Effects, 2D animation from storyboards

Web3: wagmi, viem, blockchain web portal, browser wallet extension, NFT-based ticketing

AI-Assisted Workflow: AI (Claude Code, GitHub Copilot) handles repetitive work like boilerplate, tests, and documentation, while UI details, interactions, and motion are crafted by hand; every AI output reviewed before release; UI for AI-powered features

Collaboration: Agile/Scrum, cross-functional teams, design reviews, Jira, Miro; background in UX research and usability testing

Languages: Bahasa Indonesia (Native), English

WORK EXPERIENCE

Senior Front End Engineer | July 2023 – Present

Nusameta (WIR Group) — Indonesia Metaverse Ecosystem | Jakarta, Indonesia (Hybrid)

- Built 8 frontends across web, browser extension, and mobile for Nusameta's product suite, owning each from design review and API integration to release.
- Own nusameta.io and related sites (incubator.indonesiameta.co, manasik.indonesiameta.co) with Next.js, TypeScript, Tailwind, React Query, and Strapi, including UI for AI-powered features and GSAP and Lottie motion that doesn't compromise page speed.
- Built the frontend for Betapass, Nusameta's live blockchain web portal, and a browser wallet extension for storing, sending, and receiving the platform's coins (wagmi, viem); now revamping Betapass's UI as real transactions grow (clear transaction status, instant button feedback, skeleton loading).
- Built the world management dashboard and internal admin CMS for publishing learning worlds to the Nusameta mobile app, and Entripass, a React Native app for NFT-based event tickets with real-time WebSocket status updates.
- Delivered a voucher redemption feature in two days for a campus event at BINUS University, letting students redeem codes for wearable digital items in the Nusameta app.
- Shape how the team works: co-define design system conventions with UI/UX designers, and contribute to API and workflow design (draft and approval flow, status-filtered endpoints, SSO authentication flows).
- Introduced an AI-assisted workflow, now adopted by several teammates: Claude Code and GitHub Copilot handle repetitive work like boilerplate, tests, and documentation, while UI details, interactions, and motion are crafted by hand and every AI output is reviewed before release.

UX Engineer | July 2022 – July 2023

SIRCLO — Indonesia's Leading E-Commerce Solution | Tangerang, Indonesia (Hybrid)

- Built and maintained **Diametra**, SIRCLO's atomic design system and component library (React, TypeScript, SCSS, Emotion, Rollup, design tokens), so feature teams built screens from shared components instead of rebuilding the same UI per product. Live Storybook: diametra-sirclo.netlify.app
- Authored the Storybook documentation and ran sessions walking designers through component capabilities, aligning designers and developers on how components are named and used.

- Shipped UX improvements for a large-scale omnichannel commerce admin panel in Agile sprints, informed by user interviews, usability testing, and heuristic analysis.

Front End Developer | June 2020 – April 2022
Xtremax — Award-Winning Digital Transformation Company based in Singapore | Bandung, Indonesia

- Delivered responsive, accessible public-facing websites for Singapore Government agencies using HTML, jQuery, SCSS, and SGDS (Singapore Government Design System) on a custom internal boilerplate.
- Improved site performance through Lighthouse audits and targeted fixes, integrated REST APIs alongside backend engineers, and validated releases with Jest and SIT/UAT testing.
- Produced 2D animations from storyboards with After Effects, Lottie, and GSAP, contributing to an award-winning infographic animation initiative for the Singapore Government.

Freelance UX Researcher | January 2020 – June 2020
Pinhome — Property Buying, Selling and Renting Platform | Jakarta, Indonesia

- Ran usability tests, interviews, and field observation with property agents and customers, and turned findings into user flows and low-fidelity Figma mockups for new features.

IT Staff (Internship) | August 2019 – November 2019
PT. Bank Central Asia — Indonesia's Largest Private Bank | Jakarta, Indonesia

- Built the Document Gathering interface for the home mortgage process (HTML/CSS, JavaScript/jQuery, AJAX, C#/ASP.NET, Sitecore, Bootstrap, REST APIs), working with designers, analysts, engineers, and QA through SIT/UAT.

Front End Developer (Part-Time) | January 2018 – January 2019
Nibble Softworks x Biro Teknologi Informasi UNPAR | Bandung, Indonesia

- Led a team of four front-end developers to deliver a university student portal for study planning, final project applications, and lecture schedules (CodeIgniter, HTML/CSS, JavaScript/jQuery, Bootstrap, REST APIs).

EDUCATION

Bachelor of Information Technology | August 2015 – August 2019
Parahyangan Catholic University | Bandung, Indonesia

Relevant coursework: Graphical User Interface Design, Human-Computer Interaction, Software Testing.

CERTIFICATIONS

- The Interaction Design Foundation — Card Sorting for Better Information Architecture (2023); How to Conduct Effective User Interviews (2022); User Experience: The Beginner's Guide (2022)
- Purwadhika Startup and Coding School — UI/UX Designer