ARLIN SASQIA PUSPA SHIFFA

Senior Frontend Engineer • React • Next.js • TypeScript • Web Performance

Bandung, Indonesia (Remote-Ready / GMT+7) | +62 812 2400 8787 | sasqia.shiffa@gmail.com
Portfolio: arlinshiffa.com | LinkedIn: linkedin.com/in/arlin-shiffa

PROFESSIONAL SUMMARY

Senior Frontend Engineer with 6+ years of experience shipping scalable production web and mobile applications across Web3, enterprise e-commerce, and government digital platforms using React, Next.js, and TypeScript. Proven track record of owning front-end architecture end-to-end—from API contract alignment and state management to CI/CD release—within distributed, cross-functional teams. Experienced in building shared component libraries, real-time WebSocket interfaces, and high-performance applications with strict UI and accessibility standards.

CORE TECHNICAL SKILLS

Frontend & Mobile: React, Next.js, TypeScript, JavaScript (ES6+), React Native, Redux Toolkit, Context API, HTML5, CSS3/SCSS, Tailwind CSS, Emotion

Data & Real-Time Integration: REST APIs, GraphQL, React Query, WebSockets, Strapi (Headless CMS)

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

Performance & Quality: Lighthouse Audits, Animation & Asset Optimization, Responsive & Cross-Browser Engineering, Web Accessibility (a11y)

Design Systems & Web3: Atomic Design, Design Tokens, Storybook, Rollup, GSAP, Lottie, wagmi, viem, Browser Wallet Extensions

Workflow & Languages: Agile/Scrum, Jira, Figma, Miro, Claude Code, GitHub Copilot • English (Professional), Bahasa Indonesia (Native)

WORK EXPERIENCE

Senior Front End Engineer
July 2023 – Present

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

- Architected and shipped 8 production front-end applications across web, browser extension, and mobile for Nusameta's product suite, owning delivery from design review and API integration to release.
- Own nusameta.io and related platforms (incubator.indonesiameta.co, manasik.indonesiameta.co) built with Next.js, TypeScript, Tailwind CSS, React Query, and Strapi, integrating AI-powered UI features alongside GSAP and Lottie animations without compromising page speed.
- Engineered the front end for Betapass, Nusameta's live blockchain web portal, and a browser wallet extension (wagmi, viem) for storing, sending, and receiving platform tokens; leading its UI revamp as real transactions scale with deterministic transaction statuses, instant feedback, and skeleton loading.
- Built the internal world-management CMS dashboard for publishing learning worlds to the Nusameta mobile app, and Entripass, a React Native app for NFT-based event ticketing powered by real-time WebSocket updates.
- Delivered a digital wearable voucher redemption flow within a 2-day turnaround for a campus event at BINUS University, enabling students to redeem codes in the Nusameta app.

- Co-defined cross-product design system conventions, contributed to backend API and workflow design (approval flows, status-filtered endpoints, SSO authentication), and introduced an AI-assisted workflow (Claude Code, GitHub Copilot) adopted by teammates with mandatory manual code and UI review before release.

UX Engineer (Frontend & Design Systems)

July 2022 – July 2023

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

- Architected and maintained Diametra, SIRCLO's shared atomic design system and component library (React, TypeScript, SCSS, Emotion, Rollup, design tokens), enabling product squads to ship consistent interfaces from reusable modules.
- Authored comprehensive Storybook documentation and facilitated design-to-engineering walkthroughs to standardize component APIs and naming conventions across teams.
- Shipped front-end and UX enhancements for a large-scale omnichannel commerce admin panel in Agile sprints, informed by usability testing, user interviews, and heuristic evaluations.

Front End Developer

June 2020 – April 2022

Xtremax — Digital Transformation Company (Singapore HQ) | Bandung, Indonesia (Remote Collaboration)

- Delivered responsive, accessible public-facing web platforms for Singapore Government agencies using HTML5, SCSS, JavaScript/jQuery, and SGDS (Singapore Government Design System) on a custom internal boilerplate.
- Improved site performance through systematic Lighthouse audits and targeted fixes, integrated REST APIs with Bandung-based backend engineers, collaborated with product managers across Indonesia and Singapore, and validated releases via Jest and SIT/UAT cycles.
- Engineered 2D storyboard animations using After Effects, Lottie, and GSAP for an award-winning Singapore Government infographic initiative.

Freelance UX Researcher

January 2020 – June 2020

Pinhome — Property Buying, Selling & Renting Platform | Jakarta, Indonesia

- Collaborated with the product design team using Design Thinking methodologies—conducting usability testing, field observations, and interviews with property agents and buyers to produce user flows and Figma mockups.

IT Staff — Front End Developer

August 2019 – November 2019

PT. Bank Central Asia Tbk — Indonesia's Largest Private Bank | Jakarta, Indonesia

- Developed the Document Gathering web module for home mortgage applications (HTML/CSS, JavaScript/jQuery, AJAX, C#/ASP.NET, Sitecore, Bootstrap, REST APIs), collaborating with analysts, UX designers, and QA through SIT/UAT.

Front End Developer (Part-Time)

January 2018 – January 2019

Nibble Softworks x Biro Teknologi Informasi UNPAR | Bandung, Indonesia

- Conducted prospective student interviews prior to development and led a 4-person front-end team to build a university student portal for study planning, thesis applications, and class schedules (CodeIgniter, HTML/CSS, JavaScript/jQuery, Bootstrap, REST APIs).

EDUCATION & CERTIFICATIONS

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

UI/UX Designer Program — Purwadhika Startup and Coding School **November 2019 – January 2020**

The Interaction Design Foundation (IxDF) Certifications **2022 – 2023**
Card Sorting for Better Information Architecture (2023); How to Conduct Effective User Interviews (2022); User Experience: The Beginner's Guide (2022)