Geraldi Sutanto

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PROFESSIONAL SUMMARY

Senior Software Engineer with 9+ years of experience architecting high-scale fintech and e-commerce solutions primarily in the SEA region. Proven track record in migrating legacy mobile platforms, establishing engineering standards for Design Systems, and leading cross-functional teams in agile environments. Expert in React Native, TypeScript, and AWS/GCP, delivering high availability and significant latency reductions. **Visa Status:** Eligible for Subclass 482 Sponsorship / NZ Accredited Employer Work Visa.

TECHNICAL SKILLS

- **Languages & Frameworks:** TypeScript, JavaScript, ReasonML, Java, Python, SQL, React, React Native, Next.js, Node.js.
- **Cloud & DevOps:** AWS, Google Cloud Platform (GCP), Docker, CI/CD (GitHub Actions), Firebase, Cloudflare Workers.
- **Architecture & Tools:** Microservices, Event-Driven Architecture, Design Systems, Redux, GraphQL, WebAssembly.

WORK EXPERIENCE

Senior Engineer   2025 — Present
ShopeePay   *Jakarta, Indonesia*

- Leading the Admin Portal engineering team, overseeing architectural decisions and code quality standards to ensure scalable operations.
- Driving the development of internal tools to optimise operational workflows and support high-volume transaction monitoring.

Senior Engineer   2024 — 2025
Bitwyre AG   *Jakarta, Indonesia*

- Engineered MVP mobile trading clients for iOS and Android, securing initial market entry within strict regulatory deadlines.
- Established comprehensive observability pipelines into business and engineering metrics, reducing incident detection time and aiding strategic decision-making.
- Navigated complex legal processes and compliance requirements for crypto/financial operations, ensuring robust security and data governance.

Web3 Developer   2022 — 2023
Contract Work   *Remote*

- Delivered comprehensive Web3 solutions including a landing page, raffle web application, and hardware-wallet-based login integration on the Sui blockchain.
- Managed end-to-end development for various confidential projects, ensuring strict adherence to NDA requirements and delivery timelines.

Software Engineer   2021 — 2022
Kargo   *Jakarta, Indonesia*

- Architected and enforced a unified Design System, collaborating with designers to eliminate component duplication and standardise UI values (colours, typography), resulting in improved consistency and development velocity.
- Maintained and optimised the internal UI library, executing a full TypeScript migration and implementing robust CI/CD pipelines, Storybook documentation, and automated testing.
- Developed an automated tool to generate TypeScript types from backend APIs, eliminating manual synchronisation errors and significantly reducing integration bugs.

Software Engineer   2020 — 2021
Ruangguru   *Jakarta, Indonesia*

- Subject Matter Expert (SME) for the SkillAcademy migration from Cordova to React Native, unlocking the wider team to focus on core business logic.
- Established tooling and processes for CI/CD, code signing, DRM video playback, and push notifications, ensuring a seamless user experience.
- Took ownership of the Payment domain, porting critical payment logic to ReasonML and conducting rigorous code reviews to maintain high security and reliability.

- Delivered creative technical solutions to meet aggressive deadlines for both internal products and the government-partnered PraKerja programme.

Software Engineer 2018 — 2020

Traveloka *Jakarta, Indonesia*

- Successfully modernised a legacy cross-platform mobile application for B2B partners, restoring functionality and user engagement within a critical 3-month window.
- Transferred to a high-impact full-stack team, developing a customer-facing web application utilising Java backend and React frontend architectures.

Career Break 2017 — 2018

Huaqiao University (华侨大学) *Xiamen, Fujian*

- Took Chinese language programme.

Software Engineer 2016 — 2017

3Enix Consulting Sdn. Bhd. *Kuala Lumpur, Malaysia*

- Delivered full-stack development solutions for major Malaysian banking institutions (Silverlake, HongLeong), ensuring compliance with strict financial industry standards.

PROJECTS

Sui Raffle App https://github.com/spruceid/siwe

- Ported wallet sign-in infrastructure from Ethereum to Sui for raffle.suimonstrx.com. Implemented account linking to Discord and a complete raffle system as the sole developer. Tech Stack: Next.JS, TypeScript, AWS, React-Query, Cloudflare Workers, WebAssembly.

SkillAcademy

- Contributed to Indonesia's top on-demand learning application. Utilised ReactJS and ReasonML to enhance mobile and web platforms, improving Google Play Store rating from 3.4 to 4.9 through performance optimisations and bug fixes.

EDUCATION & CERTIFICATION

Asia Pacific University Kuala Lumpur, Malaysia

B.Sc. Software Engineering *— 2016*

- Honors Thesis: "Docker Container Based Java IDE"

Google Advanced Data Analytics (Certificate ID: ZOGNHJ0T6PZM) 2024

LANGUAGES

- Indonesian (Native), English (Professional), Chinese (Conversational)