Stefaron Budhi Santosa

SOFTWARE ENGINEER · ANDROID · SMART CONTRACTS · APPLIED ML

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SUMMARY

Android engineer with 1.5+ years shipping production apps for Indomaret, including a Compose POS headed for 24,351 stores. Also writes Solidity contracts, builds applied ML tools, and has a peer-reviewed ResNet-50 paper in AITI vol. 23.

EXPERIENCE

Android Developer · PT Indomarco Prismatama (Indomaret)

Mar 2025 — Present

- Building checkout, payment and authorization features for a Kotlin/Compose POS planned for phased rollout across 24,351 stores handling 225M+ transactions per month, in a five-person mobile team.
- Shipped three field-operations apps: a Compose QR-document app, a queue-display app pairing tablets over WiFi with real-time WebSocket updates, and an alarm-monitoring client.
- Migrated transaction data from local Room tables to OWIN REST calls, making the backend the single source of truth.
- Contributes to store-reporting and anti-fraud reporting apps; runs UAT for owned modules and ships fixes driven by store-operations feedback.

Web3 & Automation Developer · DEKSA

Dec 2024 — Aug 2025

- Wrote Solidity smart contracts (Foundry, Hardhat) and REST backends for a crypto wallet and an animal-donation platform.
- Automated social-media publishing in Make.com for Keraton Surakarta.

Teaching Assistant · Universitas Kristen Duta Wacana

2023 — 2024

- Assisted students in Android Programming, Web Programming, OOP and Algorithms labs.

SELECTED PROJECTS

Gambit 2026

Celo MiniPay chess, backend and on-chain payouts. Contributed 25 of 61 commits in a three-person team.

Payroute 2026

x402 payment rail on Mantle. Sole author of the escrow contracts; shipped a TypeScript SDK (v1.0.1).

Liqu Finance 2026

ERC-8004 agent on Unichain. Identity, reputation and validation registries with Foundry tests; agent manages Uniswap V4 positions under three risk strategies.

SKILLS

Android	Kotlin, Jetpack Compose, Hilt, Room, Coroutines/Flow, MVVM, Clean Architecture, Retrofit
Languages	Java, TypeScript, SQL, Python
Web3	Solidity, Foundry, Hardhat, Move
Tools	Git, GitHub, Gradle, Postman, Docker, Make.com

EDUCATION & CERTIFICATIONS

Bachelor of Computer Science (Informatics) · Universitas Kristen Duta Wacana

Graduated Jan 2025

GPA 3.80 / 4.00 · completed in 3.4 years

- TensorFlow Developer Certificate (2024)
- Bangkit Academy — Machine Learning (2024)

PUBLICATION

Santosa, S. B., Chrismanto, A. R., & Susanto, B. (2026). Classification of Batik Keraton motifs using ResNet-50 fine-tuning architecture. *AITI*, 23(1), 46–60. **doi:10.24246/aiti.v23i1.46-60**