

SATRIA WARDANA

Lead Frontend Mobile Engineer

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PROFESSIONAL SUMMARY

Lead Frontend Mobile Engineer with 5+ years of experience leading a team of 6 engineers to architect, build, and optimize cross-platform mobile applications using Flutter. Recognized for delivering high-scale products such as voila.id (from scratch) and Jamtangan (React Native to Flutter rewrite), while elevating application stability to a 99.97% crash-free rate. Highly experienced in streamlining mobile engineering workflows through self-hosted GitHub CI/CD runners and automated Apple App Store and Google Play Store deployments.

WORK EXPERIENCE

Lead Frontend Mobile Engineer

Catalyst Tech

November 2020 – July 2026

- Directed a 6-person mobile engineering team (1 Senior, 2 Mid-level, 3 Junior) in the end-to-end development, scaling, and maintenance of three flagship applications: Jamtangan, Voila, and Picklist.
- Led the engineering team in migrating a legacy React Native app to a modern Flutter architecture, resulting in significantly faster app performance, improved code maintainability, and a massive boost in crash-free sessions from <50% to 99.97%.
- Established automated CI/CD pipelines with GitHub Actions to enforce a strict quality gate, leading the team to achieve and maintain 95% unit test code coverage across all Pull Requests.
- Drove a cost-optimization initiative by deploying self-hosted GitHub Runners, slashing CI/CD infrastructure expenses by 95% while significantly accelerating build times.

Senior Software Engineer - Android

GRAB

October 2019 – November 2020

- Contributed to Android development of the Grab Passenger app, engineering and scaling the Digital Goods (Pulsa & Bill Payments) for Indonesia, Vietnam, Thailand, and the Philippines.
- Empowered the QA engineers by conducting hands-on training on developing automated widget tests, enabling them to directly contribute to the automation pipeline and shift the testing process left.

Android Developer

KUDO

September 2015 – October 2020

- Developed end-to-end travel booking features for flights and trains, accommodating flexible one-way, return, and round-trip itineraries.
- Integrated Firebase for real-time push notifications and implemented Leanplum SDK to power targeted marketing campaigns, driving user retention and engagement.
- Managed the successful codebase migration from MVP to MVVM architecture to enforce better separation of concerns across the engineering team.

Android Developer

LinkIT360

December 2013 – September 2015

- Contributed to the development, maintenance, and Google Play Store deployments of high-traffic telecommunication applications, including BimaTri, myXL, and AXISnet.

- Developed and launched 'Langkah', a step-tracking (pedometer) application, handling the complete project lifecycle from initial architecture to successful production release.

JAVA Developer - Desktop J2SE

PT Camp-AS400

March 2012 – January 2013

- Developed a specialized application for drilling calculations, successfully translating complex engineering formulas into functional and accurate code.

Mobile Application Developer - J2ME

Jatis Mobile

November 2010 – November 2011

- Contributed to the development and maintenance of a real-time multi-messaging application, integrating platforms such as Yahoo Messenger, Facebook Chat, and Google Chat.

EDUCATION

Bachelor of Informatics Engineering

Universitas Budi Luhur

Grade: 3.34

Graduated: 2011

SKILLS

- People Management, Technical Leadership, Performance Reviews, System Design
- Flutter, Dart, Kotlin, Java, Visual Basic, React Native, PHP, HTML
- Git, CI/CD, GraphQL, REST API

CERTIFICATIONS

- [Associate Android Developer \(Google for Developers\)](#)
- [React Native Mobile App Development \(SunberCode\)](#)
- [Advanced React Native Mobile Apps Development \(SunberCode\)](#)

AI EXPERIENCE

- Integrated local AI (Ollama) with Android Studio extensions to enhance the development workflow.
- Explored AI agent frameworks (ZeroClaw, PicoClaw) for personal R&D projects.
- Automated GitHub Pull Request workflows by integrating OpenAI Codex.
- Utilized KIRO IDE's spec mode to automatically generate project requirements, designs, and task lists.

ADDITIONAL INFORMATION

- **Awards** : Runner Up, Games & Entertainment Category – Indosat Wireless Innovation Contest (IWIC), Jakarta (2010)