



I Kadek Ari Melinia Antara

Mobile Developer

Profile

Results-driven software developer with over 7 years of experience in programming technologies, databases, and tools, including Flutter, Laravel, React Native, Tailwind, React JS, and Next JS. Proficient in database management with MySQL, PostgreSQL, NoSQL, Firestore, and Firebase Realtime Database. Skilled in integrating Google Maps API and Firebase messaging. Dedicated, adaptable, and independent professional with strong communication skills and a cheerful demeanor. Enthusiastic learner with a commitment to professionalism and empathy, bringing a unique blend of technical expertise and personal qualities to deliver innovative solutions in software development.

Key Strengths

- **Full-Stack Development Expertise:** Skilled in both frontend and backend technologies, including Flutter, React Native, React JS, Next JS, Laravel, and Tailwind CSS, delivering responsive and maintainable applications.
- **Clean Code & Best Practices:** Strong advocate for writing clean, readable, and scalable code, following industry best practices such as SOLID principles and code reviews to ensure maintainability and quality.
- **Adaptability and Independence:** Highly adaptable and capable of working independently in fast-paced environments, while maintaining a strong sense of accountability.
- **Communication & Collaboration:** Excellent interpersonal and communication skills, with a cheerful and empathetic approach that fosters effective teamwork.
- **Continuous Learning & Professionalism:** Passionate about learning new technologies and continuously improving, with a strong commitment to professional standards and ethical development practices.

Location

Denpasar City
Indonesia

Skills

Programming Languages:
Dart, Java, Swift, PHP,
JavaScript (JS), TypeScript
(TS).

Framework and Libraries:
Flutter, BLoC, Cubit, React
Native, React Js, Redux,
Zustand, Spring Boot,
Laravel.

Tools:
Firebase, Google Map API,
Docker

Databases:
MySQL, PostgreSQL,
NoSQL, Firestore, Firebase
Realtime Database.

Project Management:
Scrum Methodologies

Employment History

Mobile Developer at Wolkk

July 2024 – Present

Wolkk is a Bali-based software company delivering offshore development services to global clients, particularly in Europe. Founded by seasoned German and Dutch tech leaders, Wolkk combines European software standards with

Language

Indonesia (Native)
English (B2)

skilled Indonesian developers to build high-quality cloud and mobile applications.

Project Description:

- **BizXpert** - A comprehensive, cloud-based invoicing and inventory management solution designed to streamline operations for small business owners. The platform enables users to effortlessly create and manage professional invoices, track inventory in real-time, and maintain detailed customer records—all accessible across devices.

Responsibilities:

- Participated in sprint planning and contributed to the overall architecture of the application.
- Designed and optimized the frontend architecture using ReactJS to ensure scalability and maintainability.
- Collaborated closely with designers, QA, and project managers to align frontend with business logic.
- Utilized Docker for containerizing backend services to enable efficient and scalable deployments.
- Developed and maintained the backend using Java Spring Boot and integrated Braintree as the payment gateway.
- Developed mobile and desktop applications using Flutter to expand the platform's reach across multiple devices.

Technologies Used:

- Flutter, Java Spring Boot, ReactJS, TypeScript, Redux, MUI, Braintree

Achievements:

- Successfully contributed to the full-stack development lifecycle, from design to deployment.
- Developed cross-platform mobile and desktop applications, increasing user engagement across devices.
- Worked closely with cross-functional teams to ensure project deadlines were consistently met and exceeded.
- Optimized data retrieval and backend performance by improving database queries resulting in faster data fetching and reduced response times.

Full-stack Developer at Bali Province Communication, Informatics and Statistics

Project Description:

- **Bali Provincial Government Asset Rental Mobile Application** - This project seeks to provide convenience for the people of Bali to easily search, view, and submit requests for the utilization of government assets. The application is designed with a user-friendly interface, allowing easy access and real-time monitoring of asset inventories. Additionally, the application is equipped with a 'Payment Gateway,' enabling users to make online payments, enhancing the convenience and efficiency of the asset utilization request process.
- **Bali Province Bug Bounty** - Bug Bounty Application stands as an innovative platform meticulously crafted to enhance the security of systems and applications by leveraging the expertise of ethical hackers. Its primary objective is to identify and report vulnerabilities and security loopholes across various software before they can be exploited by malicious actors. This proactive approach not only strengthens the overall security posture but also fosters a collaborative environment, where ethical hackers contribute to the fortification of software defenses against potential threats.

Responsibilities:

- Designed system architecture and developed relational databases using MySQL.
- Built full-stack web applications using Laravel (backend & frontend).
- Created and maintained a reusable design system for consistent UI across all web platforms.
- Collaborated with UI/UX designers using Figma to translate wireframes and mockups into fully responsive interfaces.
- Worked closely with QA engineers to define test cases, fix bugs, and ensure high product quality before deployment.

Technologies Used:

- Laravel, MySQL, Blade, JavaScript, Tailwind CSS, REST API

Achievements:

- Established a scalable and reusable design system to standardize development across projects.
- Strengthened Bali's digital security through a successful Bug Bounty platform launch.
- Collaborated with UI/UX and QA teams to ensure consistent design and reliable, bug-free releases.

Projects

1. BizXpert (Invoicing & Inventory Management Platform)

- Built a cross-platform solution for small businesses to manage invoices, inventory, and customer data, featuring real-time tracking, secure payments via Braintree, and responsive access across web, mobile, and desktop using Flutter.
- Technologies used: Flutter, Java Spring Boot, ReactJS, TypeScript, Redux, MUI, Braintree, Docker

2. Bali Made Tour (Mobile Application)

- Developed a mobile system to manage employee tasks in the tourism sector, including attendance tracking, task assignments, performance management, and self-service access with analytics and reporting.
- Technologies used: React Native, Firebase, REST APIs

3. JDIH Klungkung (Mobile Application)

- Built a React Native Android app for the Klungkung Regency Legal Documentation and Information Network, providing public access to legal documents with an intuitive and responsive interface.
- Technologies used: React Native, Firebase, REST APIs

4. DSDP – Denpasar Sewerage Development Project (Web Application)

- Contributed to the development of a web platform for sewage discharge registration, integrated with Bali SSO and the Regional Bank payment system to support regional sanitation infrastructure.
- Technologies used: Laravel, Tailwind CSS

5. Bali Government Asset Utilization (Mobile Application)

- Built a mobile app to streamline access, monitoring, and payment for provincial government assets, featuring real-time tracking and online payments.
- Technologies used: Flutter, Firebase, Google Maps API, Hive

Achievements:

- Full-Stack Development Expertise: Successfully delivered multiple end-to-end projects across web and mobile platforms, showcasing strong proficiency in both frontend and backend technologies including Laravel, ReactJS, Java Spring Boot, and Flutter.
- Mobile-First Impact: Led the development of cross-platform mobile applications using React Native and Flutter, significantly improving accessibility

and user engagement in sectors like tourism, governance, and legal documentation.

- **System Architecture & Optimization:** Designed scalable architectures and optimized data flow across systems, resulting in faster performance, maintainable codebases, and efficient deployments using Docker and REST APIs.
- **Collaboration & Agile Practices:** Worked closely with UI/UX designers, QA engineers, and project managers in Agile environments, contributing to successful sprint deliveries and alignment with business goals.

Education

Bachelor of Information Technology, Udayana University

August 2017 – December 2021



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