

# Brilian Ade Putra

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## EXPERIENCE

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### Honda Motor Co., Ltd.

Tokyo, Japan

*AI Engineer*

*Mar 2025 – Present*

- Designed and built a document analysis prototype for Honda's engineering and legal teams using Azure OpenAI (GPT-4), FastAPI, and Retrieval-Augmented Generation (RAG)-based retrieval over multi-format technical documents
- Evaluated Microsoft Copilot's RAG pipeline across multiple retrieval and chunking configurations, comparing embedding models and latency tradeoffs; produced a technical report that guided Honda's internal automation strategy
- Developed Generative AI prototypes including a multilingual PDF Translator, image analysis tool, and conversational assistant using FastAPI, Whisper, and Next.js to validate AI use cases for Honda's internal operations

### MMS Group Indonesia

Jakarta, Indonesia

*Mobile Developer*

*Sep 2023 – Jan 2025*

- Built and maintained MMSGI Chat for Android and iOS using React Native with Rocket.Chat, supporting company-wide communication across web, desktop, and mobile
- Led a 5-person external vendor team (3 developers, 1 QA, 1 PM) in delivering the MMSGI Super App, a multi-featured React Native enterprise platform
- Set up GitHub Actions CI/CD pipelines across all company projects, cutting deployment time by 50%

### Gravel

Jakarta, Indonesia

*Android Engineer*

*Oct 2022 – Sep 2023*

- Shipped two Android apps (Gravel and Gravel Dular) in Kotlin and Jetpack Compose, from development through Play Store release
- Built a shared design system and component library that reduced development time on future projects by 20%
- Designed the Surveyor and Home Service features from scratch, opening up two new revenue streams for the business

### Vision+

Jakarta, Indonesia

*Android Developer*

*Sep 2021 – Oct 2022*

- Led a 5-person team to integrate Dolby Vision and Dolby Atmos, making Vision+ the first Over-The-Top (OTT) platform in Indonesia to support these technologies
- Reduced cold start time from ~20s to under 2s through memory optimization and performance profiling, and improved crash-free rate from 75% to 90% (Firebase Crashlytics)

## TECHNICAL SKILLS

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**AI / ML:** Azure OpenAI, LangChain, Whisper, Python, FastAPI, TensorFlow, PyTorch

**Mobile:** Kotlin, Jetpack Compose, Java, Flutter (Dart, BLoC), React Native, Kotlin Multiplatform

**Database:** Firebase, PostgreSQL, MongoDB

**Web:** Next.js, TypeScript, React, Express.js

**Tools:** GitHub Actions, GitLab CI, Docker

## EDUCATION

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### Brawijaya University

Malang, Indonesia

*Bachelor of Computer Science — GPA 3.65/4.00*

*Aug 2018 – Jul 2022*

- Thesis: Image Classification for Rice Plant Disease Diagnosis on Android