Ridwan Faturrahman
Softtware Engineer

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Bandung, Indonesia

SUMMARY

Software Engineer with 4 years of experience specializing in mobile and frontend development, with some good experience in backend for web scraping and information systems connected to databases.

EXPERIENCE

Full Stack Developer, Fulltime   06/2023 - Present
Adgo – Singapore, Singapore - *Remote*
- Enhanced existing Flutter applications and implemented WebSocket for real-time chat.
- Developed React.js (TypeScript) frontend with Tailwind CSS, Google OAuth authentication, Microsoft Login, Sentry for error tracking, WebSocket for real-time chat, and built a Storybook for UI components
- Built a web scraping application using Node.js, JavaScript, and Puppeteer.
- Developed Django (Python) backend, implementing ORM, API key authentication, TOTP-based login schema (for authenticator app 2FA), WebSocket, wrote unit tests, Mailgun and managing async/periodic tasks using scrooge.
- Developed AI integrated application using Open AI and Google Document AI.

Mobile Developer, Fulltime   01/2022 - 06/2023
CAD-IT Consultants – Bandung, Indonesia
- Developed and tested 5 mobile applications using Flutter, Dart and Kotlin.
- Designed cross-platform features for iOS & Android.
- Led migration to Clean Architecture & Modular Architecture.
- Integrated Google Maps API, Flutter Map, and Firebase Cloud Messaging.
- Built and maintained automated testing with Mockito & JUnit.

Mobile Developer, Fulltime   07/2021 - 12/2021
Garuda Infinity – Bandung, Indonesia
- Developed user role management app using Flutter application.
- Implemented JWT authentication (login with access & refresh tokens).
- Created a Flutter boilerplate for scalable development.
- Assisted frontend team with Vue.js and API integration.

Software Engineer   02/2019 - 07/2021
Freelance
- Developed 5 Android applications using Java and Firebase (Realtime Database, Authentication).
- Deployed 2 apps to Google Play Store.
- Led 2 projects in a team collaboration.

Android Developer, Intern   06/2020 - 08/2020
Neurafarm – Bandung, Indonesia
- Developed and tested Dr. Tania mobile app using Java and Kotlin.
- Migrated the codebase from Java to Kotlin.
- Optimized app size (13MB → 10MB).
- Integrated Google Play Billing for subscriptions.
- Implemented Firebase Remote Config for version management.
- Published on Google Play (10,000+ downloads by 2020).

EDUCATION

- **Institut Teknologi Bandung**. Bachelor's degree in Computer Science – *2021*. GPA**:** 3.20/4.00.

SKILLS

- Mobile: (Java, Kotlin) Android, (Dart) Flutter, (TypeScript, JavaScript) React Native
- Frontend: (TypeScript, JavaScript) React.js, Vue.js
- Backend: (Python) Django, (TypeScript, JavaScript) Node.js
- Database: SQLite, MongoDB, MySQL, PostgreSQL
- Google Cloud Platform: OAuth authentication, Play Billing, Firebase, Maps API