

Muhammad Syafiq Adib Afham Muhammad Saufi

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🌐 Portfolio: <https://syafiqadibafham.netlify.app/>

Professional Summary

Mobile App Developer with 3+ years of hands-on experience in Flutter, cross-platform App and Frontend development. Skilled in building apps with BLE connectivity, RESTful APIs, and Firebase, alongside experience in UI/UX design, CI/CD pipelines, and project management. Proven ability to deliver high-quality, user-friendly applications from concept to deployment.

Technical Skills

Languages & Frameworks: Flutter (Dart), React.js, Next.js, Javascript, Java, Python

Tools & Platforms: GitLab, GitHub, Codemagic, Firebase, JIRA, Upsource

Design & Prototyping: Figma, Adobe XD, Photoshop

Specialties: BLE communication, RESTful APIs, State Management (Riverpod, MOBX), CI/CD

Professional Experience

Mobile App Developer | POWERJames GmbH | Jan 2023 – Present

- Led the end-to-end development of the company's Charge S App (iOS & Android) using Flutter with Riverpod for state management.
- Designed and implemented Bluetooth Low Energy (BLE) communication between chargers and mobile devices, transitioning from protobuf to a custom JSON format, improving reliability and maintainability.
- Integrated RESTful APIs for seamless internet connectivity with backend services, ensuring real-time updates of charging status, user data, and remote control features.
- Built and maintained the company's internal web tools with React.js, enhancing system performance, visual design, and usability for internal teams.
- Owned the full lifecycle of the mobile app: requirements analysis, UI/UX design, development, testing, publishing, and continuous updates.
- Established and maintained CI/CD pipelines with GitLab and Codemagic, reducing deployment time and improving release quality.
- Managed Firebase App Distribution for internal testing and external beta users.
- Implemented an automated build step to generate a shared icon library from newly added SVGs, enabling consistent icon usage across Flutter and React projects and eliminating manual updates.
- Worked directly with the product manager to define features and prioritize backlog items, while independently handling design, testing, and quality assurance responsibilities.

- Conducted functional and regression testing, ensuring bug-free releases and minimizing downtime for users.
- Actively managed JIRA tasks, sprint planning, and technical documentation, improving project transparency and workflow efficiency.

Mobile App Developer | webfactor media GmbH | Oct 2022 – Jan 2023

- Built cross-platform mobile apps with Flutter for iOS and Android.
- Integrated APIs, implemented UI from client designs, and managed state with MOBX.
- Collaborated in a Scrum team; used Upsource for code reviews and version tracking.
- Improved app features, maintained stability, and fixed issues across releases.

Mobile App Developer (Thesis) | Bold Brains Productions GmbH | Mar 2022 – Jun 2022

- Designed and developed a podcast mobile app with Flutter (iOS/Android).
- Built UI/UX with Adobe XD and managed state using Riverpod.
- Integrated REST API for podcast database; used GitLab for version control.
- Collaborated with senior full-stack developer to refine backend integration.

Intern – Software Development (eVANS Charging Ecosystem) | Mercedes-Benz AG | Sep 2021 – Mar 2022 | Stuttgart, Germany

- Developed simulation tools for EV fleet charging optimization using Python.
- Conducted research on smart grids and network simulation.
- Integrated data for eCost Calculator, eCharging Planner, and EQ Ready App with Adobe Analytics.
- Supported European tool launch and prepared analytical reports for product owner.

Freelance Mobile App & UI Designer | SWEGO | Jun 2021 – Sep 2021

- Designed mobile app UI with Adobe XD, including style guides and user flows.
- Collaborated with product owner and developers to refine app features.
- Delivered prototypes, marketing posters, and branding materials.

Projects

BACA

Educational mobile app for kids to learn alphabets (Java, not available anymore).

Education

Hochschule Mannheim

Bachelor of Science (B.Sc.), Power Engineering & Renewable Energy

Sep 2018 – Jul 2022

German-Malaysian Institute

Diploma, Product Design & Manufacturing Engineering

Jan 2015 – Nov 2017

MRSM Johor Bahru

Focus: Natural sciences, mathematics, accounting

Jan 2013 – Dec 2014

Spoken Language

- **Malay:** Native
- **English:** Proficient
- **German:** B2 (Conversational)