

Paweł KROK



PROFILE

Computer Science student and Crew Commander in the State Fire Service. I developed Iskra112, a field-tested Flutter application with hundreds of active users. I specialize in building reliable, user-centric solutions under pressure and I am looking for opportunities to grow my skills within a professional team.

CONTACT

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LANGUAGES

Polish (native)

English (B2)

TECH STACK

- Flutter & Dart (Riverpod, GoRouter)
- Firebase (Functions, Auth, Firestore)
- Google Maps API & Generative AI
- Web: JavaScript, HTML, CSS
- Tools: SQL, Git, Jira, Play Console

SOFT SKILLS

- Analytical, problem-solving mindset
- Continuous learning attitude
- Ownership and reliability
- Effective team collaboration

PROJECTS

Iskra112 [Flutter, Dart]

A Flutter app for emergency services used by hundreds of active users. It offers intelligent schedule planning and integrates the Google Maps API to locate fire hydrants and AEDs. It includes modules for assessing physical fitness and providing first aid, AI features, and Firebase cloud synchronization.

Kinetic [Flutter, Flutterflow]

Training app built entirely in FlutterFlow with custom logic, refined UX flows, and an AI coach that adapts to users' needs and motivates with personalized speech.

Wallet Manager [Kotlin, Java]

An Android application for expense management, allowing users to input transactions with details like amount, date, category, and subcategory. Implemented data visualization (graphs) to provide users with insights into their spending patterns. Utilizes a local SQLite database for data storage and Firebase for cloud synchronization, enabling cross-device data consistency.

Poradnik Ratownika [Java]

A critical Android application designed for firefighters and CRS rescuers to quickly search for hazardous substances using their UN numbers. The app displays relevant safety procedures and protocols to assist in handling dangerous materials. Additionally, it includes first aid procedures, providing firefighters with essential information during emergency situations.

EXPERIENCE

Software Developer Trainee at Mobitouch 07.2025–09.2025

Participated in end-to-end development in a 4-person team: client consultations, requirements gathering, and frontend implementation (React, TypeScript). Independently built a mobile application in FlutterFlow with rapid prototyping and full delivery.

Crew Commander at National State Fire Service 2017–pres.

Leadership of firefighting crews, handling emergency interventions and hazardous materials incidents, development of internal mobile tools to support colleagues in daily operational work.

EDUCATION

Bachelor of Science in Computer Science 2023–2027

Rzeszów University of Technology

Bachelor of Science in Fire Safety Engineering 2022

Fire Academy, Warsaw

HOBBIES

Programming, electronics, Heroes III, Formula 1, basketball, chess

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