

LUIS-FERNANDO SCRIPCARU

Full-Stack Mobile Developer

Iasi, Romania | luis.scripcaru@outlook.com | +40 759 104 543 | [LinkedIn](#)

SUMMARY

Flutter and mobile developer with 3+ years of experience building and shipping production apps end-to-end, from architecture to App Store deployment. I have led platform migrations, integrated AI APIs, and built civic tools used by real city residents. I care about solving hard problems cleanly and shipping things that hold up.

TECHNICAL SKILLS

- **Programming Languages:** Dart, Kotlin, JavaScript, TypeScript
- **Mobile & Cross-Platform:** Flutter, Android Development, React Native (migration experience), Cross-Platform Deployment
- **Architecture & State Management:** BLoC (Primary), Riverpod, Provider, MVVM, GetIt (Dependency Injection), Clean Architecture
- **AI & Machine Learning Integration:** TensorFlow Lite, Computer Vision, LLM Integration, Generative AI SDKs, OpenAI API, Real-time Data Pipelines
- **Backend & APIs:** Firebase (Auth, Firestore, Realtime DB, Cloud Functions, Storage), RESTful APIs, WebSockets, DALL-E API
- **Core Competencies:** Performance Optimization, Responsive UI/UX Implementation, Widget Testing, App Store Optimization (ASO)
- **Maps & Location:** Google Maps SDK, Google Places API
- **Libraries:** Retrofit, OkHttp, LiveData, Data Binding, Kotlin Coroutines, Navigation Compose
- **Dev Tools:** Git, JIRA, Figma, Agile/Scrum, CI/CD (Google Play, App Store)

EDUCATION

Alexandru Ioan Cuza University

2020 - 2023

Computer Science & Mathematics | Iasi, Romania

- **Relevant Coursework:** Data Structures & Algorithms, Software Engineering, Database Systems, Mobile Development, Mathematical Modelling.
- **Foundation:** Strong mathematical background supporting ML model development and algorithmic problem-solving.

EXPERIENCE

Freelance Mobile Developer

Jul 2024 - Present

Independent | Remote

- **Civic & Workflow Apps:** Built [e-Rădăuți](#), a civic app facilitating community communication (problem reporting, events, transport, air quality, and local administration contact), achieving 1,000+ downloads. Expanded this to build **e-Sânpetru** (soon to be launched). Also developed **accessinfo** to facilitate the submission of Law 544/2001 requests, and a clinic app replacing 5 mandatory paper forms.
- **AI & ML Projects:** Delivered an **AI Travel Assistant** that shortens the time of booking a day (restaurants, Uber, activities, rooms). Currently building **Quivr**, a personal machine learning project to detect arrow positions via vision detection to save records of archery practice rounds.

Frontend Engineer

Aug 2023 - Jun 2024

QUARTZ:IT | Project: Environmental Monitoring App | Remote

- Led full platform migration from React Native to Flutter, eliminating cross-platform rendering bugs and architecting a robust data-sync layer backed by Firebase Realtime DB.
- Shipped real-time allergen tracking with daily health logging, scaling the app to 100,000+ downloads on the App Store.

Mobile Development Intern

Apr 2022 - Jun 2022

Ness Digital Engineering | Project: Movie & TV Information App | Iasi, Romania

- Designed and delivered a fully functional Android entertainment application in Kotlin within a 3-month timeframe, enabling real-time database access by integrating the TMDB API.
- Achieved smooth asynchronous performance and implemented scalable navigation by utilizing LiveData, Data Binding, and Kotlin Coroutines.