

# MILAN LUKIĆ

MEDICAL DOCTOR TURNED ANDROID DEVELOPER

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## SUMMARY

I am a medical doctor who specialized and worked as an ophthalmologist for several years. However, driven by my curiosity and desire to create, I decided to transition into software development. My passion for technology and logical problem-solving, combined with my medical background, led me to Android Development, where I can use these skills to build innovative applications. Additionally, knowing that my work can help many people in new ways—through technology—reinforced my belief that this is the right career for me.

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## TECHNICAL SKILLS

**Programming languages:** Kotlin, Java

**UI Frameworks:** Jetpack Compose, XML Layouts

**Dependency Injection:** Dagger Hilt, Koin

**Google services:** Firebase Authentication

**Database:** Room, Supabase, Firebase Firestore

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## WORK EXPERIENCE

### Android Developer

January 2024 - Ongoing

#### Open-source projects

- “Stray Maps”
  - Developed a fully functional Android application from scratch in Android Studio aimed at reducing animal suffering.
  - Through an easy-to-use reporting system, users can bring attention to lost pets and stray animals. The app's core functionalities include reporting, editing reports, reviewing submitted reports, and locating nearby vet clinics or animal shelters.
  - Technologies used: Kotlin, Jetpack Compose, Room, Coil, Dagger Hilt, Firebase Authentication and Firestore Database and Storage, Mapbox, Mockito.
  - GitHub link: <https://github.com/milan-md-dev/stray-maps>
- “Cosmic Adventure Deck”
  - Developed an Android application for tabletop game players to streamline preparation before and during gaming sessions. Generates hundreds of textual encounters based on several modifiable parameters.
  - Technologies used: Kotlin, Jetpack Compose, Room, Coil, Koin, Supabase.
  - GitHub link: <https://github.com/milan-md-dev/cosmic-adventure-deck>

### Ophthalmologist

April 2017 - Present

#### Eye Clinic “Apolon”, Bijeljina

- Initially worked as a medical resident and then as a certified ophthalmologist
  - As a part of my medical work, I learned to observe details, put them together and successfully come to a solution for my patients’ needs, which I realized isn’t all that different from debugging code. Running tests, looking at things that stand out and working on resolving them are things that I am experienced with.
  - Diagnosed and treated eye conditions through problem-solving, data analysis, and attention to detail — skills that translate well into software development.
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## EDUCATION AND COURSEWORK

- **Android Basics with Jetpack Compose and Kotlin** 2023  
Google’s Android Training Course
  - **CS50: Introduction to Computer Science** 2023  
Harvard University's introductory course to the intellectual enterprises of computer science and programming
  - **Medical residency in Ophthalmology** 2017 - 2022  
Clinic for Eye Diseases Clinical Centre of Belgrade, Serbia
  - **University of Belgrade School of Medicine in Belgrade, Serbia** 2009 - 2015
  - **IB (The International Baccalaureate) in Maribor, Slovenia** 2007 - 2009
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## INTERESTS AND PROJECTS

A deep curiosity about sciences, whether they are related to the functioning of technology or biological systems led me to become an active contributor on GitHub, developing Android applications focused on usability and impact. I am passionate about exploring new software design patterns and working with new frameworks. In my spare time, I enjoy astronomy, reading, playing tabletop games with friends, caring for my plants, and walking my dog.