Adam Świderski

Software Engineer

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About me

I'm a software engineer with diverse experience, having worked on educational apps, smart home technology, and large-scale financial tech projects. I prioritize writing clean and understandable code and ensuring its stability through robust testing. While applying SOLID, DRY, and other principles, I try to avoid hasty abstractions, to keep things as simple as possible, for as long as possible, and not overengineer.

I have lots of experience with legacy code, but I also started some fresh greenfield projects, and learned a lot by mistakes I made there.

Furthermore, I enjoy task automatization with CI/CD approach in mind. I used to design and implement release procedures for mobile apps.

Skills

Tech

Java, Kotlin, Flutter, Android SDK, Spring, Realm, Room, JUnit, Spock, Espresso, Gradle, Python, Shell

Tools

Android Studio, IntelliJ, Firebase, Git, Jira, Bamboo, Jenkins, Azure Devops

Practises

Unit testing, design patterns, Continues Integration/Delivery, Scrum, DDD

Experience

2022 **Decerto** — Senior Android Developer

- Led Android development for a Finnish transportation project, utilizing Kotlin, Jetpack Compose, and MVVM architecture.
- Introduced a clean/hexagonal architecture, enhancing app maintainability and structure.
- Collaborated closely with UI designers using Figma for seamless integration of design elements.
- Automated app release through CI, deploying updates to Microsoft AppCenter for closed-group testing.
- Documented project and processes with Architectural Decision Records, advocating for a testing-centric approach in both Android and Spring Boot applications.

2022-2022 **AppTailors** — Senior Android Developer

- Bleeding edge payment app maintenance and enhancements.
- Implemented a sophisticated caching mechanism to optimize app performance.
- Developed logging and telemetry extensions for comprehensive app monitoring.
- Streamlined app styles and configurations, enhancing overall user experience.

2019-2022 **Cybersource a Visa company** — Staff Software Engineer

- Payment SDK development
- Spikes, PoC's and out of the box thinking on daily basis
- Complex problem solving, consulting with multiple teams, architects, and 3rd party vendors for best results
- Technical proposals and implementation for new features according to EMV specs, local law and client requirements
- Debugging through whole payment chain using EMV card simulator, card reader and backend logs, cooperating with the terminal manufacturers and payment gateways to solve the issues
- Python/bash scripts to automate boring tasks

2015-2019 **Fibaro (Fibar Group)** — Android Developer

2013-2015 **Lobo Group** — Frontend / Android Developer

Education

2014-2016 **Computer Science Msc** — Poznań University of Technology
Software Development Technologies - master thesis "Home inventory management system" - Android app made with Kotlin, server app made with ExpressJS and MongoDB

2010-2013 **Computer Science undergraduate studies** — WSNHiD
Internet Technologies

Courses

2023 **AI Devs** — aidevs.pl
5-week generative AI tools course

2022 **Legacy Fighter** — devstyle.pl
State of the art course about dealing with legacy code

2021 **Smart Testing** — devstyle.pl
10-week software testing course

2020 **DNA - The road of modern software architect** — devstyle.pl
20-week software architecture course targeted to senior developers