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About me

Meet me – a technology enthusiast who began his journey into the world of programming on the Android platform during my college years in 2012. I've always had a keen interest in technology, with Android serving as my gateway to the realm of mobile application development. For nearly a decade, I delved deep into the intricacies of this platform. However, over time, I realized that I didn't want to confine myself to a single technology. In search of new challenges, I turned my attention to React and React Native. After several months of rigorous learning, my efforts bore fruit – I started working on my first commercial project utilizing these technologies.

My professional career has been a continuous evolution. Over the years, my projects have interwoven between Android and React, allowing me to develop skills in both areas. Yet, it's in my nature to continuously seek growth and explore new horizons. Witnessing how artificial intelligence (AI) is revolutionizing the tech world, I decided not to be left behind. Since the beginning of this year, I've been intensely diving into the knowledge of AI, aiming to become part of this exciting future. My career is a testament not just to a passion for technology but also to a readiness for continual learning and adaptation in the rapidly changing world of IT.

Skills

Below are selected technologies and tools I've had the opportunity to work with. As a Senior Android Developer, I continuously expand my knowledge—both on the job and after hours. I experiment with new tech, optimize existing solutions, and closely follow the development of technologies like **Jetpack Compose**, which are still evolving. I care deeply about code quality, architecture, and effective team collaboration.

Programming Languages

- **Kotlin** – advanced level, main language in my Android projects. I use modern practices, idiomatic Kotlin, and design patterns.
- **Java** – experience maintaining legacy apps and integrating them with new codebases.
- **TypeScript / JavaScript** – advanced level, including commercial projects in React and React Native.
- **Groovy / Bash** – used for automation and CI/CD scripting.
- **Python** – mainly used for building AI agents and automations.

Frameworks & Libraries

- **Jetpack Compose** – building modern Android UIs, MVVM architecture integration, UI testing, and performance optimization.
- **React** – building web UIs using hooks, context API, backend integration, and form management with React Hook Form.
- **React Native** – cross-platform mobile apps, native integrations, handling platform-specific differences.
- **Redux** – state management with a structured store and middleware, seamless integration with components.

Tools & Technologies

- **Android Studio** – advanced usage: debugging, profiling, optimization, Layout Inspector.
- **Android SDK & Jetpack** – deep knowledge of platform components (Lifecycle, Navigation, WorkManager, Hilt, Paging, Room).
- **Firebase** – authentication, Firestore, Analytics, Crashlytics, FCM, App Distribution.
- **SQLite / Room** – local database, migrations, complex queries, data validation.
- **CI/CD** – automation with GitHub Actions, Jenkins, Bitrise; deployment, testing, automated releases.
- **Git** – version control, code review, release branching, collaboration in Scrum/Kanban teams.
- **Fastlane** – automating app signing, publishing, changelog generation.

Testing

- **JUnit / Espresso** – unit and UI testing, mocking with Mockito.
- **Maestro** – end-to-end testing for Android, YAML-based test scenarios.
- **Spock Framework** – Groovy-based testing, TDD.
- **MockK / Turbine** – testing flows and coroutines in Kotlin.

Deployment & Release

- **Google Play Console** – full release process: project setup, policy configuration, signing, managing release channels.
- **A/B Testing & Staged Rollouts** – experimenting with different UX variants and gradual releases.
- **Firebase App Distribution** – internal app testing before production.
- **Manual & Automated Releases**:
  - **Manual**: preparing and signing `.aab`, publishing via Play Console.
  - **Automated**: CI/CD pipelines using GitHub Actions, Bitrise, and Fastlane.
- **Android Project Configuration** – managing structure, flavors, versioning, signing configs, splash screens, icons.

Code Quality & Best Practices

- **Code Reviews** – active participation, mentoring, and sharing best practices.
- **Clean Architecture & SOLID** – modular design, separation of concerns.
- **Linting & Static Analysis**:
  - **Ktlint**, **Detekt** – for Kotlin code style and structural issues.
  - **ESLint**, **Prettier** – for JS/TS formatting and quality.
- **Code Formatting** – automated formatting via pre-commit hooks (Husky, etc.).
- **Code Coverage** – test coverage tracking (Jacoco, Codecov).
- **CI Checks** – automated quality gates in CI pipelines.
- **Dependency Updates** – using tools like Dependabot and Renovate with regression safety.

AI & Automation

I've been actively expanding into the field of AI. I completed the advanced **AI Devs** course, which prepared me to build AI agents from the ground up—covering everything from architecture and implementation to integration with external data sources.

The course didn't stop at low-level agent creation; it also introduced frameworks that streamline the development process. As part of my self-learning, I currently work with **LangChain** and **LangGraph**, creating custom AI agents for personal use—handling tasks like data analysis, automation, and conversational interfaces.

Additionally, I build automations using no-code/low-code tools like **make.com**, where I connect APIs and services to automate repetitive workflows and business logic.

Other Skills

- **Design Patterns** – MVC, MVP, MVVM, Clean Architecture.
- **UX/UI** – designing intuitive, responsive interfaces and working closely with designers.
- **Teamwork** – remote collaboration, Agile/Scrum methodologies, async communication.
- **Mentoring** – supporting junior developers, giving educational feedback during code reviews.
- **Technical Documentation** – writing clear and accessible docs: README files, wikis, ADRs.

Experience

Senior Android Developer, React, React Native

May 2020 - Until now

- Team/Tech lead in some projects
- Creating modern and responsive user interfaces using Jetpack Compose, a modern tool for building user interfaces for the Android platform.
- Implementation of multiplatform projects – Android, iOS, SmartTV, Web
- OTT and VOD applications
- Experience in working on many projects at once.
- Experienced in Scrum methodology as Scrum Master
- All projects' tasks were managed in Jira
- Configured continous integration for multiplatform applications.
- Participation in meetings, planning with client.

Senior Android Developer

Etteplan

March 2019 - April 2020

- Projects in MVVM Architecture, with use of DataBinding, LiveData, RxKotlin, Coroutines, Koin, Architecture and Navigation Components, Room Database etc.
- Experienced in implementing Banking Application with NFC payments.
- Created application for Realtime Video Stream, with use of Wifi Direct
- Experienced in Kanban methodology
- All projects' tasks were managed in Jira
- Configured continous delivery on Jenkins.

Android Developer

Capgemini

January 2017 - February 2019

- Projects in MVVM Architecture, using Retrofit, Dagger2, RxKotlin, Architecture and Navigation Components, Room and Realm databases.
- All projects' tasks were managed in Visual Studio Team Services(VSTS).
- Experienced in Agile(Scrum) methodology
- Created application with audio streams, eBook reader and in-app purchases for eInk devices.
- Created native applications with high security requirements for Nuclear Power Plants.
- Created multilingual application to manage tasks, create custom events and reports, and display charts with measurements.
- Configured continuous delivery on VSTS
- Writing tests: unit tests with use of JUnit 4 & 5, UI tests with use of Espresso, and TDD projects with use of Groovy(Spock Framework)
- Experienced in developing own libraries and multimodal projects
- Implemented push notifications (FCM) managed by Azure.
- Application developing lead role in ongoing project, particiaption in managing tasks, sprints and business scope.
- Speaker at internal meetings regarding e.g. Navigation Component, TDD with Spock Framework
- Participation in courses for iOS Development, RxKotlin and AR/VR for Android

Android Developer

Applover

December 2014 - December 2016

- Implementation of native Android applications in Java using MVP (Model-View-Presenter) architecture.
- User interface design, including creating custom views and animations.
- Both individual and team work.
- Self-written app published on Google Play, reaching approximately 20,000 downloads.
- Developing applications using Google Maps, Directions, Places, Open Street Maps APIs, integration with Firebase Notifications, Estimote Beacons, Retrofit, RxJava, Dagger.
- Implementation of Continuous Integration using GitLab.
- Implement PUSH notifications via Firebase.
- Active participation in hackathons.