Raul Marius Podar

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●Android ●Compose ●Coroutines ●SwiftUI ●MVVM ●Kotlin Multiplatform ●RxJava ●Jenkins ●CircleCi

Employment

Android Engineer - *Sky February 2024 – Present*
- Entrusted by management to lead and maintain a critical legacy project generating £30 million per quarter. Acted as the **Tech Lead**, ensuring the project's continued success and stability.
- Owned the release process and incorporated long-overdue automations that saved up to 3 hours for each merge into our config repository.
- **Mentored** three junior members by proactively reviewing their code and guiding them through the project, helping them earn confidence and greater ownership.
- Finalized a **migration** to Mediatailor resulting in approximately £1 million saved annually on fees and enabling live personalized ads for users.
- Managed the tech-debt backlog and led tech sessions to share knowledge within the team.
- Ensured a smooth transition to **ExoPlayer** after a complex and time-consuming team-effort.

Android and iOS Engineer - *NiloHealth September 2022 - December 2023*
- Worked closely with the Product team to better define the requirements of the Mobile Apps.
- Created an automation script in **Python** that reduced person-hour by 2 hours for every release.
- Developed novel features for **Android (Compose and Coroutines)** and **iOS (Swift UI)** that increased content activation by 25% and doubled the number of registrations to roundtable events.
- Restructured the data layer of our mobile apps from scratch, utilizing newly introduced design patterns (e.g., **Repository**).
- Contributed to adjustments for the architecture within the UI layer to have loosely coupled code and **reduced** the number of new **critical bugs** (UI freezes) by 40%.
- Responsible for the research, ticket definitions and development of various features, such as local notifications for both mobile platforms.

Android Mobile Developer - *Sky September 2021 - September 2022*
- Voted by my peers as winner of the Mobile Academy after a training programme.
- Agile development within the Sky Go Android team, practicing TDD and maintaining a feature-based modular application following an **MVVM** architecture.
- Responsible for the development of the CI/CD pipeline in **Jenkins** as part of an educational project

Web Developer - *Phlashweb August 2019 – December 2019*
- Captured reusable components of **a Laravel (PHP)** web application and optimised the code
- Created testing sandboxes and did several server migrations

Laboratory Demonstrator - *Queen Mary University of London September 2019-April 2021*
- Responsible for managing groups of students by guiding them weekly based on a semester-long project **(Software Engineering)**
- Assisted modules: Software Engineering, Algorithms and Data Structures, Procedural Programming, Computer Systems and Networks, Logic and Discrete Structures, Fundamentals of Web Technology

Education

Queen Mary University of London, BSc- Computer Science (2018-2021)
- **First-class Honours** (average mark of 85)
- Dissertation: "A 2-axis political spectrum analysis from Twitter data and towards classification" (Sentiment Analysis, LIWC, B.O.W, TF-IDF)