8/10/2024

240101226@smcsdom.local

[company name]

CURRICULUM VITAE

**Mr. Phoshoko Dimpho Blessing.**

**Address:** Moremadi Park, Turfloop, Polokwane.

**Email:** phoshokodimpho0405@gmail.com

**Mobile:** 0694541273/0796033208

**Portofolio:** https://maumelas1234.github.io/dimpho\_phoshoko/

**GitHub:** https://github.com/Phoshoko-Dimpho

**LinkedIn:** <https://www.linkedin.com/in/dimpho-blessing-a76632331?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app>

I am working on Paytm's consumer application to improve the engineering and user experience for millions of users.

● Developed a product feature: “Groups & Splits” in the chat module.

● Integrated Jetpack Compose into the project initially.

● Migrated from RxJava to Kotlin coroutines and improved chat performance by 20%.

● Reduced app size by 20% (~4.5 MB) by properly configuring R8 and reduced Gradle build time by 65%.

● Enhanced camera performance on Scan & Pay, leading to faster scan and payments by 60%, improving user experience.

● Further improved Camera performance by 30% achieving faster payments on low-end devices.

● Developed a linter for common best practices and code policy violation detection at compile time.

● Created a command-line interface tool that analyzes the app to detect policy violations inside compiled AAB/APK/AAR.

Software Engineer

ScaleReal Technologies Pvt. Ltd

May 2020 - Sep 2021

Developing good quality products for clients with the latest engineering best practices with an edge-cutting technology stack.

● Worked on the educational Android app - TenFold for maintenance, new feature additions and bug fixes.

● Developed an Android SDK for live location tracking with GPS for a client with accuracy and efficient resource utilization.

● Worked with a client as a backend consultant for developing quality healthcare products using Microservices.

● Took initiatives for developing internal products.

● Managed blogs for the company as an Editor: <https://medium.com/scalereal>.

**> SKILLS**

|  |  |
| --- | --- |
| Programming Languages | Kotlin, Java, Javascript(Basic), Dart(Basic) |
| Frameworks | Android, Jetpack Compose, Kotlin Multiplatfrom, Micronaut, Ktor, Django, Node.js, Flutter |
| Databases | PostgreSQL, MySQL, SQLite, MongoDB(Basic), Firebase |
| Tools | Git, GitHub, Gradle, Jenkins, GitHub Actions CI/CD, AWS |
| Other | Technical Writing, Team Leadership, Team Management, Public speaking |

**>PROJECTS**

|  |
| --- |
| Capturable (Android, Jetpack Compose)  Jetpack Compose utility library for capturing Composable content and transforming it into Bitmap Image |
| Compose Report to HTML (Kotlin, Gradle Plugin)  A utility (Gradle Plugin + CLI) to convert Jetpack Compose compiler metrics and reports to a beautified HTML page. |
| Mutekt (Kotlin Multiplatform, Kotlin Symbol Processing, Coroutines)  Generates mutable models from immutable model definitions from KSP. Inspired by the concept of Redux and Immer from JS world. |
| Jalgaon CoHelp (Backend: Kotlin,Ktor, PostgreSQL. Frontend: ReactJS, TypeScript, Bootstrap)  The Crowdsourced resources to fight COVID across Jalgaon District. Find hospital beds, oxygen, plasma, and more. [Open source] |
| GoSafe (Flutter, Firebase, JavaScript, TypeScript, ReactJS, Node.JS, ExpressJS)  A Safety and Real-time Emergency mediator System between Police officials and Citizens of India [UG Engineering project] |

**>ACHIEVEMENTS**

|  |
| --- |
| Became the youngest Google Developers Experts for Android in India in August 2021. |
| My apps on Google Play Store were featured in the TOP NEW 500 Educational apps category. |
| Developed apps with over 700,000 downloads on the Google Play Store. App with significant installs: C Programming |
| Qualified for the Grand finale of Smart India Hackathon 2017 and 2018 Software Edition, led the team. |

**>COMMUNITY CONTRIBUTIONS**

|  |
| --- |
| Develop open-source libraries, tools and samples for the demonstration of modern Android development with best practices. |
| Write blogs: blog.shreyaspatil.dev |
| Speak at tech conferences about Android, Kotlin and Mobile engineering. |
| Co-organized “Kotlin Mumbai”. Hosted regular monthly Kotlin meetups. |
| Mentored a startup during office hours, offering guidance on Android projects under Google for Startups. |
| Reviewed a book, “Simplifying Android Development with Coroutines and Flows” by Packt Publication |
| Helped answering questions on stackoverflow. |