Math Rorpheeyah

Senior Android Developer | Sub-Leader Mobile Department

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Summary

Senior Android Developer with 5+ years of experience building enterprise-grade mobile applications. Serving as Sub-Leader of the Mobile Department at KOSIGN, I lead development initiatives and mentor junior engineers. Passionate about scalable mobile architecture, intuitive UI/UX, and the future of mobile development through AI and emerging technologies.

Professional Experience

Senior Android Developer & Sub-Leader, Mobile Department
KOSIGN [Korea Software Innovation Global Network]
March 2020 - Present | Phnom Penh, Cambodia

- Lead development of enterprise-level Android applications utilizing Kotlin and Java
- Oversee team operations as Sub-Leader of the Mobile Department
- Implement and optimize modern architecture patterns (MVVM, Clean Architecture)
- Pioneer adoption of Jetpack Compose for UI development across multiple projects
- Supervise project delegation and provide mentorship to junior developers
- Recognized with "Best Rookie" award (November 2020)

International Assignment – Business Trip
비즈플레이 *- Bizplay (KOSIGN - South Korea Division)*
October 2022 - August 2023 | Busan, South Korea

- Selected for a one-year assignment to support collaboration between the Cambodian and South Korean mobile development teams
- Reviewed technical documents from Korean teams, analyzed project requirements, and prepared task breakdowns for the Cambodia team
- Inspected and verified feature behavior across web and mobile platforms to ensure consistency and alignment

- Worked directly with Korean developers, testers, and department heads (부장) on feature planning, QA, and production readiness
- Served as a liaison between teams, facilitating communication, resolving blockers, and ensuring smooth cross-cultural collaboration
- Participated in cross-functional meetings and contributed to strengthening partnerships between global teams

Web Developer
PLAN-B Cambodia (BEONE)
November 2018 - January 2019 | Phnom Penh, Cambodia

- Developed responsive web applications without third-party frameworks (custom CSS)
- Built backend functionality and logic using PHP

Academic Recognitions & Awards

- **Best Rookie Award** - Presented by Seol WookHwan (CEO), KOSIGN, November 2020
- **LinkedIn Skill Assessments**
  - Android Development
  - Web Development

Significant Projects & Contributions

The following represents a selection of my most active and significant projects. My complete portfolio includes additional enterprise applications and technical contributions.

Enterprise Mobile Application Development

Led development and maintenance of multiple enterprise-level applications including:

Finance & Corporate Management Systems

- 비즈플레이 On-Premise & 비즈플레이4.0 - Enterprise expense management platforms
- 현대카드/삼성카드/우리카드 비즈플레이 - Card-specific expense management implementations
- IBK법인카드/KT 법인카드 - Corporate card management systems
- 비플 법인카드/개인카드 - Card management applications
- BZPEXPENSE/bzpExpenseGov - Expense tracking application
- 비즈플레이(KEIT) - Specialized expense tracking solution

Business Productivity Solutions

- 트리플러스 - Business productivity suite

- 비즈캘린더 - Calendar management system
- 결재함 & KT 결재함 - Approval management platforms
- 비즈메모 - Note-taking application for business
- 그린메세지 - Messaging platform

Financial Technology Implementations

- 체크페이 - Payment verification system
- 뱅크노트 - Banking interface solution
- WABOOKS - Accounting applications
- WeBill 365 - Billing management application

This list represents selected highlights from my project portfolio. I have contributed to numerous additional enterprise applications throughout my career.

Academic Research Projects

Developed innovative applications with research components:

Lumhat - Educational mobile platform

Application Download: apkpure.net/lumhat

- Led UX research focused on optimizing educational content delivery
- Designed comprehensive UI/UX system using Figma
- Implemented cross-platform functionality (mobile and web)

DayDo - Productivity and task management system

Application Download: apkpure.net/daydo

- Researched efficient task management methodologies
- Designed intuitive interface using Figma
- Implemented backend connectivity through RESTful API integration

Education

Bachelor of Science, Computer Science
Royal University of Phnom Penh
January 2016 - November 2021
Advanced Software Development
Korea Software HRD Center
2019 - 2020

- Specialized in full-stack application development
- Focused on mobile application research and practical implementation

Professional Development Courses
Cambodia-Korea Cooperation Center (CKCC)

- App Development with JAVA (2018-2019)
- Web Application Development (2018)

Technical Expertise

Programming Languages

Mobile Development (Core Expertise):

- Kotlin (Advanced) - Primary Android development language
- Java (Advanced) - Enterprise Android applications

Full-Stack & Database:

- JavaScript (Intermediate) - Frontend integration & web development
- HTML/CSS (Intermediate) - Web interfaces & responsive design
- PHP (Intermediate) - Backend development & server logic
- SQL - MySQL, PostgreSQL (Intermediate) - Database design & management

Development Areas

Primary Focus:

- Android Application Development
- Modern UI Implementation (Jetpack Compose)
- Software Architecture Design (MVVM, Clean Architecture)

Supporting Skills:

- UI/UX Design & Prototyping
- RESTful API Integration
- Backend System Integration

Tools & Technologies

Development Environment:

- Android SDK & Development Ecosystem
- Jetpack Compose & Android Architecture Components
- Git/GitHub/GitLab Version Control

Design & Database:

- Figma (UI/UX Design)
- Database Design & Implementation

- Modern Development Architectures (MVVM, Clean Architecture)

What I'm Exploring Now

I'm continuously expanding my technical and academic knowledge with a focus on modern development trends. Currently, I'm exploring:

Artificial Intelligence & Machine Learning

Exploring how AI can enhance mobile applications through personalization, automation, and smart user experiences.

Jetpack Compose & Android Architecture

Deepening my expertise in Jetpack Compose and refining best practices for scalable, maintainable UI architecture.

Cross-Platform Development Trends

Exploring the trade-offs between native Android development and modern cross-platform solutions.

Advanced Education

Considering pursuing a Master's degree in AI, mobile computing, or related fields to strengthen my innovation capacity and long-term impact in tech.

Languages

- Khmer (Native)
- English (Limited Working Proficiency)
- Korean (Basic)