Abhishek Krishnan T R

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PROFILE SUMMARY

Java/Kotlin Developer | Database Engineer | Android Developer

Java/Kotlin Developer | Backend & Mobile | Skilled in Spring Boot, Ktor, JAX-RS, SQLServer, PostgreSQL. Experienced in building secure, scalable APIs and Android apps using Jetpack Compose, Views, and ComposeMultiplatform for cross-platform delivery

EXPERIENCE

Udyata Information Systems Pvt. Ltd, Thrissur

Android Developer   2 years

- Developed Android applications using XML Views and Jetpack Compose.
- Worked with Dagger-Hilt, Retrofit, Kotlin Coroutines, Ktor-Client, Koin, LiveData, Kotlin Flows, Room, and Gradle.
- Implemented MVVM and Clean Architecture.
- Applied code obfuscation using R8 and ProGuard.
- Integration of 3rd party native libraries like, physical barcode/qrcode/rfidtag scanner
- Optimize perfomance for a specific set of devices, while also supporting all

Java/Kotlin Developer   2 years

- Developed backend applications using Spring Boot, Ktor, JAX-RS, Hibernate, and Exposed.
- Followed MVC design patterns.
- Built secure, scalable backend systems and APIs.
- Familized with microservices as using gateways, service discovery, config servers etc
- Hands on experience with Spring Gateway, Netflix Eureka Server/Client, Jackson, Gson, Kotlinx.serilization, Kafka etc

Database Engineer   2 years

- Experineced in Microsoft SQL Server, MySQL, PostgreSQL
- Designed and optimized complex relationships and stored procedures.
- Able to perform quick/complex (one time) database changes/insertions which takes days to implement in ORM

TECHNICAL SKILLS

Languages: Java, Kotlin, C/C++, T-SQL

Frameworks & Libraries: Spring Boot, Ktor (Server/Client), Hibernate, JAX-RS, Exposed, Jetpack Compose/Android Views, Dagger-Hilt, Koin, Retrofit, Kotlin Flows, LiveData, Kotlin Coroutines

Databases: Microsoft SQL Server, MySQL, PostgreSQL

Architectures: MVVM, MVC, Clean Architecture

Tools & Platforms: Git, Gradle, R8, Android Studio, Eclipse, Intellij Idea, Docker, Excel, Postman

Methodologies: Agile

Other Skills: State Management in Jetpack Compose , Optimizing database queries and stored procedure, Perfomance Optimizations in JVM, Perfomance Optimizations in Android/ART

PROJECTS

Table Manager
Role: Android/Desktop Developer

A customizable table booking system tailored for Indian restaurants, halls, and eateries.

Technologies: Compose Multiplatform, Kotlin Multiplatform, Gradle, Ktor-Client
Features: Crossplatform Compatibility, Advanced/Custom layouts,

Rewards Pro
Role: Android Developer

CMS with Loyalty rewards dashboard for businesses to monitor reward points and user behavior

Technologies: Jetpack Compose, xzing/Android ML Kit, Dagger-Hilt, Retrofit, MMKV, Coil
Features: Barcode scanning, Graceful crash handling, Custom theme, Developer flags

Stock Sense
Role: Java Developer, Android Developer

A stock management system for hotels, focused on inventory accuracy and operational efficiency.

Technologies: Spring Boot, MySQL, Jasper Reports

Ayurware ERP
Role: Full Stack Developer

An ERP system for manufacturing ayurvedic medicines, enhancing process efficiencies across purchasing, sales, production, and packing.

Technologies: Microsoft SQL Server, JavaFX, JSF, PrimeFaces, Jasper Reports, JAX-RS, GlassFish
Features: Real-time data flow

EDUCATION

Diploma in Computer Engineering
Maharaja's Technological Institute, Chembukkav

ACHIEVEMENTS AND CERTIFICATES

- Delivered production-ready features ahead of deadlines, receiving positive feedback from team leads
- Led successful client project deliveries under tight festival/election timelines with zero downtime
- Applied advanced coding techniques, including annotation-driven development, to create robust and extensible software solutions.
- Executed a comprehensive migration strategy for an Android application, transitioning from imperative Android Views to a declarative Jetpack Compose architecture using Kotlin.

INTERESTS

Exploring performance tips & DevTools, Clash Of Clans, Open-Source tech enthusiast, Following Indian tech/startup ecosystem, Be up-to date with modern day and innovative technologies