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ABHISHEK KRISHNAN T R
Java/Kotlin Developer | Database Engineer | Android Developer

SUMMARY

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

Programming 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
Cloud & DevOps Tools: Git, Gradle, R8, Android Studio, Eclipse, Intellij Idea, Docker, Excel, Postman, Coolify
Architectures: MVVM, MVC, Clean Architecture
Practices: Agile
Other Skills: State Management in Jetpack Compose , Optimizing database queries and stored procedure, Perfomance Optimizations in JVM, Perfomance Optimizations in Android/ART, Basic DevOps

EMPLOYMENT

Android Developer | Udyata Information Systems Pvt. Ltd, Thrissur   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 | Udyata Information Systems Pvt. Ltd, Thrissur   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 | Udyata Information Systems Pvt. Ltd, Thrissur   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

DevOps Engineer | Udyata Information Systems Pvt. Ltd, Thrissur   2 yrs
- Implemented CI/CD pipelines using Github Actions and Gitlab Runner, reducing deployment time by 90%
- Automated application deployment on VPS and hostinger using containerization, improving reliability and scalability
- Streamlined release management, cutting down manual deployment errors by 90%
- Deployed and monitored applications with Coolify, ensuring smooth operations and faster rollback in case of failure

PROJECTS

- **KeyTab**: A customizable table booking system tailored for Indian restaurants, halls, and eateries.
Tech Stack: Compose Multiplatform, Kotlin Multiplatform, Gradle, Ktor-Client

- **Rewards Pro**: CMS with Loyalty rewards dashboard for businesses to monitor reward points and user behavior
Tech Stack: Jetpack Compose, xzing/Android ML Kit, Dagger-Hilt, Retrofit, MMKV, Coil

- **Stock Sense**: A stock management system for hotels, focused on inventory accuracy and operational efficiency.
Tech Stack: Spring Boot, MySQL, Jasper Reports

- **Ayurware ERP**: An ERP system for manufacturing ayurvedic medicines, enhancing process efficiencies across purchasing, sales, production, and packing.
Tech Stack: Microsoft SQL Server, JavaFX, JSF, PrimeFaces, Jasper Reports, JAX-RS, GlassFish

ADDITIONAL EXPERIENCE & AWARDS

- 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, DevOps and Automation