

Muhammed Yaseen P.V

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SUMMARY

Results-driven and innovative Lead Software Engineer with over 4 years of experience in designing, developing, and delivering high-performance mobile applications across Android and Flutter platforms. Proficient in Java, Kotlin, Dart, and Firebase, with a strong background in Agile methodologies, including SCRUM. Skilled in integrating tools like Dagger2, Retrofit2, and Firebase for Android, and leveraging state management solutions such as Provider and Riverpod for Flutter to deliver seamless app functionality. Experienced in utilizing testing tools like Mockito, JaCoCo, and Flutter's testing framework to ensure high-quality, reliable code. Adept at leading cross-functional teams, implementing CI/CD pipelines, and managing end-to-end app lifecycles for diverse industries.

EXPERIENCE

Software Engineer Android & Flutter

INAXUS

September 2022 - Present, United Arab Emirates

- **Engineered a robust hybrid software solution** for Inaxus using **Flutter and Dart**, delivering seamless cross-platform functionality and improving user accessibility across devices.
- **Enhanced project management capabilities**, increasing document processing efficiency by 30% through workflow optimization and advanced feature implementation.
- **Developed advanced communication features** to streamline real-time collaboration, improving team productivity and reducing project delays.
- Conducted **comprehensive testing and debugging** to ensure a polished, high-quality product with minimal post-release issues.
- **Adopted SCRUM methodologies**, leading sprint planning, retrospectives, and daily stand-ups to ensure timely and efficient delivery of project milestones.
- **Collaborated across cross-functional teams**, fostering strong communication and delivering solutions aligned with client goals.
- **Skills:** Flutter · Dart · REST APIs · Firebase · SCRUM · Agile Methodologies · Android Development · iOS Development · Debugging · Cross-Functional Team Leadership

Software Engineer Android & Flutter

Future Trend LLC

February 2022 - August 2022, Dubai, United Arab Emirates

- **Designed and developed** an employee management application for the **Federal Geographic Information Center (FGIC)**, UAE, streamlining workforce management processes through efficient mobile solutions.
- **Collaborated with a team of web3 specialists** to build a secure crypto lottery mobile application, leveraging **blockchain technology** and **smart contracts** to ensure transparency and fairness.
- **Integrated Dagger2 and Retrofit2** into Android projects, optimizing **dependency injection** and **network operations** for scalable and maintainable architecture.
- **Improved unit test coverage** using **JaCoCo** and wrote comprehensive unit tests with **Mockito**, ensuring robust and reliable code.
- **Utilized Flutter** to develop cross-platform features for enhanced user accessibility and seamless app functionality where applicable.
- **Skills:** Android Java · Android Kotlin · Flutter · Dagger2 · Retrofit2 · Blockchain · Smart Contracts · JaCoCo · Mockito

Software Engineer Android & Flutter

Irings Technologies

August 2020 - January 2022, Kerala

- **Developed and maintained mobile applications** tailored to the unique requirements of **Kudumbasree**, a local women's organization, and an HVAC company in Qatar, addressing their operational and workflow challenges.
- **Collaborated with clients** to gather requirements, incorporate feedback, and deliver user-friendly, feature-rich applications that improved organizational efficiency.
- **Actively participated in coding, testing, and optimization**, leveraging technologies like **Android Java, Android Kotlin, Flutter, Node.js, MongoDB, and Express.js** to deliver robust solutions.
- **Implemented CI/CD pipelines (Jenkins)** for automated build and deployment workflows, significantly reducing release time and improving delivery reliability.
- **Skills:** Android Java · Android Kotlin · Flutter · Node.js · MongoDB · Express.js · CI/CD (Jenkins)

PROJECTS

Inaxus - A Hybrid Software for Construction, Project Management and Document Management

- **Engineered a robust hybrid application** using **Flutter, Android Java, and iOS Swift** to deliver seamless cross-platform functionality and enhanced project management features.
- **Implemented offline functionality**, enabling users to create snags without an internet connection, improving accessibility and user experience.

- Developed an **automatic synchronization mechanism** to ensure seamless syncing of snag data with the server upon reconnection, maintaining data integrity and operational continuity.
- **Enhanced team collaboration** through advanced real-time features, driving efficiency in project workflows.
- [Google Play Store](#)
- [Apple App Store](#)

SP Productivity Tracker

- **Spearheaded the development** of the SP Productivity Tracker, a comprehensive digital platform designed to track skills and assess productivity for all in-house and subcontracted labor workforce deployed in projects by Shapoorji Pallonji Mideast LLC.
- **Utilized Android Kotlin, Swift, Firebase, MVVM architecture, and SQLite** to deliver a scalable solution for workforce productivity management.
- **Contributed to deployment and successful adoption**, resulting in significant efficiency gains and cost savings across multiple projects.
- [Google Play Store](#)
- [Apple App Store](#)

Cart and Cook

- **Led the development** of Cart & Cook, an innovative online ordering service enabling users to seamlessly search for and order products from local stores.
- **Utilized Android Kotlin, Swift, .NET, and SQLite** to build a robust, dynamic app tailored for diverse user needs.
- **Designed intuitive user interfaces**, enhancing navigation and usability, which led to increased user engagement and retention.
- **Implemented advanced search and filtering algorithms**, delivering personalized recommendations and simplifying product discovery for users.
- [Google Play Store](#)
- [Apple App Store](#)

Bitconia - Crypto Lottery App

- **Conceptualized and developed** Bitconia, a pioneering Crypto Lottery App in collaboration with blockchain developers
- **Employed Android Java, Node.js, and MVVM architecture** to build a cutting-edge mobile application with a seamless user experience.
- **Engineered a secure and transparent lottery system** powered by blockchain technology, ensuring fairness in the selection process.
- **Designed intuitive user interfaces** to enhance engagement, driving user adoption and retention.
- **Integrated robust backend functionalities** using Node.js, enabling secure transactions, ticket purchases, and prize distribution.
- **Collaborated with blockchain developers** to implement smart contract logic and ensure compliance with cryptocurrency regulations.

FGIC Attendance

play.google.com/store/apps/details?id=app.fgic.com

- **Developed a cross-platform mobile application** using **Flutter and Dart** to streamline attendance tracking and workforce monitoring for the Federal Geographic Information Center (FGIC).
- **Implemented advanced state management** with the **Provider pattern**, ensuring efficient application state handling and smooth user interactions.
- **Integrated robust backend functionalities**, including secure user authentication, real-time attendance recording, and activity monitoring.
- **Enhanced workforce management efficiency and transparency** through the successful deployment and adoption of the application.

Gulf Experts Android App

play.google.com/store/apps/details?id=com.jibin.gulfexperts&hl=en&gl=US

- **Spearheaded the development** of an Android app for creating service and field inspection reports with precision and efficiency.
- **Utilized Android Kotlin, Firebase, and MVVM architecture** to deliver a seamless and intuitive user experience.
- **Enabled users to generate comprehensive reports** directly from mobile devices, boosting productivity and accuracy in the field.
- **Leveraged Firebase backend services** for real-time data synchronization and secure cloud storage, ensuring accessibility and data security.

KudumbaShree Android App

- **Led the development** of an Android app to help **Kudumbasree** and **Ayalkootam units** streamline their paperwork processes.
- **Utilized Android Java, Firebase, and MVVM architecture** to build a robust, user-friendly application tailored to community needs.
- **Delivered a digital platform** that improved organizational efficiency and reduced manual workloads for members.
- **Designed an intuitive user interface**, ensuring accessibility for users with varying levels of technical expertise.

Oryx

play.google.com/store/apps/details?id=com.irins.oryx&hl=en_AU&gl=US

- **Led the development** of an Android app for a Qatar-based HVAC company, tailored to streamline the creation of inspection reports.
 - **Utilized Android Kotlin, Firebase, and MVVM architecture** to build a robust and user-friendly solution for the HVAC industry.
 - **Empowered inspectors with a digital platform** to generate detailed reports on mobile devices, improving productivity and reducing turnaround time.
 - **Designed an intuitive user interface**, optimizing workflows and simplifying the report creation process for field inspectors.
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EDUCATION

Bachelor of Engineering, Computer Science

Mangalore Institute of Technology and Engineering, Mangalore, India · 2020

CERTIFICATIONS

Android App Development

Udemy · 2021

Flutter Development

Full Stack Web Development

COURSEWORK

Android App Development Course with Android 11

SKILLS

Tools & Technologies: Flutter · Dart · REST APIs · Firebase · Coroutines · Kotlin · Android Development · iOS Development · JSON · Agile Methodologies (SCRUM) · Dagger2 · Retrofit2 · JaCoCo · Node.js · SQL · Git · GitHub · Android SDK · RxJava · Fastlane · Jenkins · Mockito · Espresso

Interpersonal Skills: Communication

Industry Knowledge: Android Development using Java and Kotlin, Cross Platform Development using Flutter, Full Stack Web Development

Languages: English, Hindi, Malayalam, Tamil, Arabic