

ARUN ALEXANDER

Application Engineer Frontend

Experienced mobile application developer with over 7.5 years of expertise in mobile user interface design and development methodologies. Committed to continuous learning and staying updated with the latest technologies, with a proven track record of successful project outcomes.

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🔗 [Portfolio](#)

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Experience

Application Engineer | Logically Pvt Ltd

Mysore

04/2020 - Present

- Explored responsibilities of developer with a solid record of refining product development and testing processes using React JS and React Native, resulting increase in development speed and a 25% reduction in bug rates.
- Implemented AI clustering techniques for fact-checking to enhance data accuracy and reliability by approximately 80% compared to previous approaches.
- Demonstrated a strong commitment to writing robust and reliable code with 90% test coverage through Test-Driven Development (TDD).
- Proficient in identifying, analyzing, and resolving bugs to ensure smooth functionality and enhance overall product performance and efficiency by up to 30%.

Senior Software Engineer | Kefi Tech Solutions Pvt Ltd

Thiruvananthapuram

02/2018 – 03/2020

- Spearheaded the design and launch of apps for App Stores and Google Play, ensuring high UI standards and achieving 10K+ downloads, which reflects strong user engagement.
- Executed mobile app creation and testing with precision and incorporated version control to ensure optimal performance and upgraded the code maintainability by 70%.

Android Developer | Servomate Technologies Pvt Ltd

Kochi

05/2017 – 02/2018

- Engineered product and service-oriented applications for distribution on App Stores and Google Play platforms, including a mobile application that serves over 1M+ users and incorporates

Skills

Programming Languages and Frameworks:

- React Native
- JavaScript
- Android Development (Java, Kotlin)
- TypeScript
- React JS

Architectures and Design

Patterns:

- Redux architecture
- Atomic architecture
- MVVM architecture
- Jetpack components
- Android Architecture Components

Testing and Quality Assurance:

- TDD (Test-Driven Development)
- Unit Testing
- Debugging

API Integration:

- REST API Integration
- GraphQL
- FCM (Firebase Cloud Messaging)

Development Methodologies and Tools:

- Agile Methodologies
- Jira
- Scrum
- Git
 - GitHub
 - Bitbucket
 - GitLab

performance monitoring tools to ensure peak functionality.

- Enforced stringent guidelines to uphold top-notch user interface standards across all mobile application developments with 20% reduction in design inconsistencies.
- Initiated comprehensive research endeavors to foster innovation in mobile app engineering leading to specific outcome and 15% improvement in user satisfaction.

Android Developer | Tecort Innovations Pvt Ltd

Kochi

10/2016 – 05/2017

- Applied precise standards to ensure an exceptional user interface across all mobile app developments.
- Pioneered extensive research efforts to drive innovation in mobile application design contributing to a 20% increase in the adoption of new features.
- Demonstrated expertise in end-to-end mobile app design and testing to ensure optimal functionality and achieving a 40% reduction in post-launch issues.

Projects

Logically Intelligence 2.0 | React JS

- Scalable AI tool that triaged online threats by processing 1000+ data points per second, enhancing analysts' ability to identify harmful online narratives and 40% increase in detection speed.
- Achieved test-driven coverage of 80% to 90%, ensuring secure and resilient code with comprehensive test scenarios.

Logically – Check Fake News and Verify Facts | React Native

- Launched a comprehensive AI driven news verification platform, enhancing factchecking accuracy by 40%.
- Attained test-driven coverage of 85% to 90%, guaranteeing strong and dependable code through thorough test case execution.

[Play Store Link](#) [App Store link](#)

KSUM app (Kerala Startup mission) | React Native

The Official application of Kerala Startup Mission (KSUM). [Play Store Link](#)

SmashX | React Native

SmashX is a video streaming app that offers a diverse selection of serials, movies, and live events.

Auconf | React Native

Auconf is a Rocket-chat application with live Video Conferencing app implementing new features, modifying existing features.

FindShopOnline | Android

FindShopOnline is a leading e-commerce platform in Kerala, offering a wide array of products across 20+ categories from numerous shops, providing convenience and variety to shoppers. [Play Store Link](#)

App Deployment:

- App Store, Google Play

Project Management and Agile Practices:

- CSM

Education

Master of Computer Applications

IGNOU

Pursuing

Bachelor of Computer Applications

MG University

2016

- Internship: Management System for Sacred Heart Church, Kumbalanghi using ASP.net and SQL Server 2008 at Visab Technology, Kochi

Certificates

- Certified Scrum Product Owner®
- Agile Scrum Master (ASM)®
- Flutter & Dart- The Complete Guide [2024 Edition]
- Introduction to Responsible AI
- Introduction to Generative AI
- The Mern Stack Full Stack Guide
- Google Play Academy -Store Listing Certificate

GoL (Go Lakshadweep) | Android

A platform built by islanders for the easiest travel to Lakshadweep. [Play Store Link](#)

DASP Teacher (Directorate for Applied Short-term Programs) | Android

DASP is an online and Offline learning platform featuring different programs taught by expert instructors. [Play Store Link](#)

DASP Student (Directorate for Applied Short-term Programs) | Android

DASP is a dual-mode learning platform that offers specialized and applied programs. It includes features designed to achieve a 90% student attendance rate.

GOGO REEL | Android

Gogo Reel is a live streaming app that lets us watch serials, movies, events.

AlSaif Express | Android

Logistics solutions to Track and Inventory management app help to as managing inventory effectively.

The Green | React Native

E-retail platform app it allows users to browse and procure products directly from farmer, specifically serving for 5 villages.

Rail ALARM | Android

Rail ALARM- GPS based alarm app which wakes you up at the Railway Station (Indian).

OnlyFresh | Android

E-commerce app it enables users to review and purchase products and shopping categories fresh fish, seafood and poultry products. [Play Store Link](#)

Find Year and Month of Vehicle | Android

Designed for both new vehicle consumers and existing owners to easily decode their vehicle's Chassis Number/Vehicle Identification Number (VIN), enabling them to determine the exact year and month of manufacture for over 150 manufacturers.