ARUN ALEXANDER

Application Engineer Frontend

Experienced mobile application developer with approximately 8 years of expertise in mobile user interface design and development methodologies. Committed to continuous learning and staying updated with the latest technologies, demonstrating successful project outcomes.

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in LinkedIn

Experience

Application Engineer | Logically Pvt Ltd

Mysore

04/2020 - Present

- Streamlined product development and testing with React JS and React Native, boosting development speed and reducing bug rates by 25%.
- Implemented AI clustering techniques for fact-checking, enhancing data accuracy and reliability by approximately 80%.
- Committed to writing robust code with 90% test coverage through Test-Driven Development (TDD).
- Proficient in identifying and resolving bugs, ensuring smooth functionality and improving 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.
- 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 App Stores and Google Play, including a mobile app with over 1M+ users and integrated performance monitoring tools for optimal functionality.
- Led research to enhance mobile app engineering, resulting in a 15% improvement in user satisfaction.

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)
- Ci/Cd
- Unit Testing
- Debugging

API Integration:

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

Development Methodologies and Tools:

- Agile Methodologies
- Jira
- AWS / GCP
- Scrum

Android Developer | Tecort Innovations Pvt Ltd

Kochi

10/2016 – 05/2017

- Applied standards to ensure exceptional user interfaces across all mobile app developments.

- Pioneered research to drive innovation in mobile application design, contributing to a 20% increase in feature adoption.

- Demonstrated expertise in end-to-end mobile app design and testing, achieving a 40% reduction in post-launch issues.

Projects

Logically Intelligence 2.0 | React JS

- Created an automated threat analysis tool that processes over 1,000 datasets per second, allowing analysts to quickly identify dangerous online trends and improve response times significantly.

- 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.

  Google 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 top e-commerce platform in Kerala, offering a wide range of products across 20+ categories from various shops, ensuring convenience and variety for shoppers. Play Store

GoL (Go Lakshadweep) | Android

A platform built by islanders for the easiest travel to Lakshadweep, boasting over 10K+ downloads. Play Store Link

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

DASP is an online and Offline learning platform featuring different

- Git
  - GitHub
  - Bitbucket
  - GitLab

App Deployment:
- App Store and Google Play Store

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

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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

programs taught by expert instructors. <u>Play Store Link</u>

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

DASP is a dual-mode learning platform offering specialized and applied programs, featuring tools aimed at achieving a 90% student attendance rate.

EMS (Exam Management System) | Android

EMS in short digitalizes the various manual aspects involved in examination management.

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 that enables users to review and purchase products in shopping categories such as fresh fish, seafood, and poultry, with over 1K+ downloads. <u>Play Store Link</u>

Mobisouq | Android

Online shopping platform app it permits users to explore and buy items and retail categories mobiles and tablets.

Find Year and Month of Vehicle | Android

Designed for new vehicle buyers and existing owners to easily decode their Chassis Number/Vehicle Identification Number (VIN), allowing them to identify the exact year and month of manufacture for over 150 manufacturers.