SRIRAM S
Technical Lead — Frontend Engineering Specialist

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Professional Summary
Accomplished Technical Lead with 10+ years of experience architecting and delivering scalable mobile applications. Proven track record of leading cross-functional teams, implementing CI/CD pipelines, and driving technical excellence across enterprise-grade projects serving 100K+ users. Expert in React Native, Android development, and modern JavaScript frameworks.

Professional Experience

Divum Corporate Services Pvt. Ltd.   *Feb 2015–Present*
Technical Lead — Frontend Engineering   *Nov 2024–Present*

- **Architecture & Design:** Defined comprehensive HLD and authored detailed feature-wise LLDs, ensuring consistent and scalable mobile development across multiple teams
- **System Architecture:** Architected modular, high-performance applications with focus on security, offline support, and rapid feature deployment using React Native and TypeScript
- **DevOps & Automation:** Implemented robust CI/CD pipelines using GitHub Actions, integrated automated testing, crash reporting, and performance monitoring tools
- **Security & Compliance:** Conducted comprehensive code audits and enforced secure coding practices to maintain data protection and regulatory compliance standards
- **Team Leadership:** Successfully mentored and led 20+ engineers through architecture reviews, hands-on guidance in scalable system design, and clean code principles
- **Talent Management:** Established structured hiring pipelines and career progression tracks aligned with engineering excellence and organizational growth
- **Client Engagement:** Collaborated with stakeholders to translate complex product requirements into actionable technical strategies and delivery roadmaps

Senior App Developer   *Feb 2022–Nov 2024*

- **Scalable Development:** Built and maintained native React applications serving 100K+ active users with integrated analytics, payment gateways, and real-time features
- **Performance Optimization:** Implemented comprehensive crash reporting, deep linking, and performance monitoring solutions, achieving 99.5% application uptime
- **Code Quality:** Established unit testing frameworks and code review processes, reducing production bugs by 60%

Android Developer / QA Engineer   *Feb 2015–Feb 2022*

- **Native Development:** Developed robust Android modules and hybrid frameworks using Java, Kotlin, and MVVM architecture
- **Test Automation:** Architected and implemented comprehensive UI test automation using Appium and Selenium, reducing QA cycle time by 40%
- **Quality Assurance:** Established testing standards and best practices across development lifecycle

Featured Projects & Achievements

- **SmartBizz (Amazon Partnership)** – React Native, React, Branch.io, Mixpanel, Kochava, ES6+
  Website — Play Store
  Enterprise-grade SMB storefront builder serving thousands of merchants across India. Implemented advanced analytics, deep linking, and payment integration.

- **Biryani By Kilo** – React Native, Redux, Razorpay, Firebase, RealmDB
  Play Store Link
  High-performance food ordering application designed for peak traffic handling with real-time order tracking and payment processing.

- **Philips Machinist App** – React Native, API Integration, Performance Optimization
  Play Store Link
  Personalized digital assistant providing machine codes, calculators, and expert support for manufacturing professionals.

- **Coal India Enterprise Solution** – React Native, Enterprise Integration
  Comprehensive mobile solution with advanced UI development, API integration, and extensive unit testing for enterprise

operations.

- **Internet Saathi (Digital Literacy)** – Android Native , Kotlin , MVVM , Retrofit , Coroutines
  Native Android application supporting digital literacy initiatives and social outreach programs with offline capabilities.

Core Technical Expertise

Mobile Frameworks
React Native • Android Native • React •
Hybrid Apps

Programming Languages
JavaScript • TypeScript • Java • Kotlin •
HTML5/CSS3

State Management
Redux • Context API • Redux Toolkit

Architecture Patterns
MVVM • Clean Architecture • Modular Design
• Microservices

Backend Integration
RESTful APIs • GraphQL • API Integration

Analytics & Monitoring
Firebase Analytics • Mixpanel • Branch.io •
Kochava • Crashlytics

Navigation & Routing
React Navigation • Deep Linking • URL Routing

Native Development
React Native Bridging • Native Modules •
Platform-specific Code

Data Management
React Query • Async Storage • RealmDB •
Firebase

UI/UX Frameworks
NativeBase • Material UI • Styled Components
• Responsive Design

Performance & Optimization
Code Splitting • Lazy Loading • Memory Management
• Bundle Optimization

DevOps & CI/CD
GitHub Actions • Automated Testing •
Deployment Pipelines

Testing Frameworks
Jest • Appium • Selenium • Unit Testing

Version Control
Git • GitHub • GitLab • Code Review •
Branching Strategies

Development Tools
VS Code • Android Studio • Xcode •
Chrome DevTools • Flipper

Payment & Security
Razorpay • Payment Gateways • Security Compliance
• Data Protection

Education & Certifications

B.Sc. Information Technology, Coimbatore Institute of Technology   *2012–2015*
Relevant Coursework: Software Engineering, Database Systems, Web Technologies, Mobile Computing

Key Achievements

- **Team Leadership:** Successfully scaled and mentored engineering teams from 5 to 20+ developers
- **Performance Impact:** Reduced application crash rates by 85% through systematic code auditing and testing implementation
- **Process Improvement:** Established CI/CD pipelines reducing deployment time from hours to minutes
- **User Impact:** Delivered applications serving 100K+ active users with 99.5% uptime
- **Quality Enhancement:** Implemented automated testing reducing QA effort by 40% while improving code coverage to 90%+