SHYAM SUNDER KANTH

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Portfolio: shyamkanth.github.io | LinkedIn | GitHub | Blog

PROFESSIONAL SUMMARY

Results-driven Android Software Engineer with 2.2+ years of progressive experience in designing and developing scalable, high-performance mobile applications using Kotlin and Java. Proven expertise in modern architectural patterns (MVVM, MVI), Jetpack components, and reactive programming. Demonstrated success in delivering enterprise-grade solutions for mission-critical applications impacting millions of users. Skilled in integrating complex APIs, implementing robust security features, and optimizing performance across diverse device ecosystems. Strong problem-solver with exceptional collaboration abilities in fast-paced Agile environments, committed to clean code principles and continuous technical excellence.

TECHNICAL SKILLS

Languages	Kotlin, Java, TypeScript, C/C++
Architecture	MVVM, MVI, Clean Architecture, SOLID Principles
Jetpack	ViewModel, LiveData, Navigation, Room, DataStore, Compose
Reactive	Coroutines, Flow, RxJS, RxJava
Networking & Security	Retrofit, OkHttp, Biometric Auth, Secure Storage, Firebase, SSL Pinning
Frameworks	Angular 2+, React Native (Familiar), Spring Boot (Familiar)
Tools & Platforms	Android Studio, Git/GitHub/GitLab, Postman, Firebase, Jira, VS Code
Databases	SQLite, Room, MongoDB, MySQL, SharedPreferences, DataStore

PROFESSIONAL EXPERIENCE

Junior Associate Software Engineer

Daffodil Software Pvt. Ltd., Gurugram, Haryana | July 2024 – Present

- Contributing to high-impact Android application serving 100+ million users; enhanced scalability and responsiveness through code optimization and architectural improvements
- Led comprehensive UI overhaul aligned with modern Material Design standards, achieving 25% faster navigation and enhanced accessibility features
- Optimized user experience by refining user flows and implementing efficient background task processing using Kotlin Coroutines and Jetpack Compose
- Collaborated effectively with cross-functional teams to ensure stable, on-time releases while maintaining strict confidentiality protocols

Android Development Intern

Daffodil Software Pvt. Ltd., Gurugram, Haryana | January 2024 – June 2024

- Contributed to multiple live Android projects impacting millions of users across the country; developed and enhanced client applications with focus on quality and scalability
- Enhanced core SDK components by improving modularity, reusability, and performance optimization; implemented best practices for maintainable codebase

- Assisted in UI/UX improvements and feature enhancements while ensuring strict compliance with security and scalability standards

KEY PROJECTS

Digital Governance / GovTech Platform

Android Developer (12 Months)

- Implemented KYC verification module with DigiLocker API integration for secure document retrieval and validation of SHG/VO/CLF members
- Developed biometric authentication system supporting fingerprint and iris recognition, strengthening security and enabling seamless multi-device login
- Revamped UI/UX for member profiles with focus on mobile-friendliness and accessibility compliance standards
- Optimized offline-first functionality and data synchronization for low-connectivity rural areas, ensuring reliable data entry and updates
- Debugged and resolved critical performance issues improving overall application stability

HealthTech / Nutrition Monitoring Platform

Android Developer (6 Months)

- Designed and developed custom Face Recognition SDK enabling secure beneficiary identification with seamless app integration
- Integrated Python runtime within Android SDK for on-device execution of AI/ML models, ensuring offline-first capabilities and improved accessibility
- Optimized AI models through quantization and lightweight inference techniques for low-end Android devices
- Exposed SDK interfaces for React Native integration, enabling seamless adoption across hybrid platforms

ETIM (Electronic Ticketing Machine) / POS System

Android Developer (8 Months)

- Refactored legacy Java codebase to modern Kotlin using MVVM and MVI architectural patterns for improved maintainability
- Implemented performance optimizations and resolved critical bugs improving application reliability

EDUCATION

Bachelor of Technology in Computer Science & Engineering

Sharda University, Greater Noida | 2020 – 2024 | CGPA: 8.0

Relevant Coursework: Object-Oriented Programming, Databases, Discrete Mathematics, Data Structures & Algorithms, Operating Systems, Computer Networks

CERTIFICATIONS & RECOGNITION

- Java Foundation Course – Oracle
- Google Digital Marketing Unlocked – Google
- Ethical Password Hacking and Protecting – Udemy
- Head Coordinator, Technical Society – Sharda University

SOFT SKILLS

Agile/Scrum Proficiency, Team Collaboration, Problem-Solving, Technical Communication, Code Review Excellence, Version Control Best Practices, System Design Fundamentals, Continuous Learning & Self-Improvement