Rishabh Kumar
Senior Software Engineer

Phone: 7015144196
Email: rishabhdhiman12345@gmail.com
LinkedIn: Click Me | GitHub: Click Me

PROFESSIONAL SUMMARY

- 5+ years of experience in Android development with expertise in Kotlin, Java, Node.js, Spring Boot, PHP, Arduino, and Microcontroller Programming.
- Proven track record in developing robust, scalable Android applications using Dagger 2, MVP, MVVM, Android SDK, Unit Testing, Instrumental Testing, Sockets, EMV, Agile, and Serial Communication.
- Skilled in Reactive Programming, Generic Programming and applying OOPs, SOLID principles and Design Patterns to solve architectural problems, enhancing code reusability and reducing rework.
- Recognized for leading high-impact projects and optimizing processes, resulting in significant efficiency improvements.
- Experience working with GPT-based AI engines for automating and enhancement of text analysis tasks.
- Solid Data Structure, Algorithm and Problem solving skills

TECHNICAL SKILLS

Technologies	Native Android, Junit and Android Instrumentation testing, Jenkins, Firebase Analytics, EMV
Concepts	Object Oriented Programming (OOPS), SOLID Principles, Functional Programming, Reactive Programming, Agile, MVVM, MVC, MVP, CI/CD, Server Driven UI, Real Time Applications.
IDE/Editors	IntelliJ IDEA, Android Studio, Sublime Text, VS Code, Arduino IDE
Database	SQLite, MariaDB, MYSQL, Firebase, MongoDB
Languages	Kotlin, Java, Node JS, PHP, C, C#
Mobile Platform	Android
Bug Tracking Tools	Mantis, Jira
Version Control	Git, GitHub, Bitbucket, GitLab

Achievements

- Honored with the Rising Star Award for successfully executing the release of ECR for NCMC transactions and seamlessly migrating the encryption technique.
- Developed GPT-based tool to rapidly analyze POS transaction events. Identifies failure root causes in seconds, cutting analysis time from up to 2 days to seconds, boosting accuracy and reliability.

ORGANIZATIONAL EXPERIENCE

One 97 Communications (Paytm)	March 2022 to Present

- Worked on POS Payment Systems that are highly secured and highly available.
- Implemented CDC ACM driver for Android-to-Android Serial communication, expanding market reach.
- Optimized system screensaver to increase device battery life by 10%
- Worked on NCMC Payments through which people can use their RuPay debit card as a pass for Metro and Buses.
- Single handedly implemented ECR in NCMC through which our EDC Payment machines can receive requests for card operations from Metro Agencies.
- Developed ECR SDK for Windows devices.

Mobile Programming LLC	Dec 2019 to March 2022

- Developed a script to automate a task which increased the speed of work by more than 100 times and reduced the need for human resources by 1/4th.
- Worked in depth in Android application development, and advanced android components.
- Mastered generic programming and the principles of OOP.
- Studied WebSocket and Peer to Peer connection in depth for real time projects.
- Practiced advance debugging of android applications, adding features to existing application, optimizing code for performance and resources and improving existing code.

Seasia Infotech(A CMMI Level5 Company)	May 2019 to Dec 2019

- Became proficient at applying the best practice to approach a problem and make a strategy to solve it.
- Learned to implement the idea in my mind to concrete code.
- Interacted with the clients and collaborated with other teams remotely.

WORK EXPERIENCE

- **Project Name**   **Paytm Payments POS**
  Description   This app is used by merchants to receive payments from customers via UPI, debit and credit cards.
  Impact   Helped optimize the performance of the app and modularized the app which resulted into lesser bugs and more clean architecture inside out.
  Technologies   Android (Java, Kotlin), Java SpringBoot

- **Project Name**   **Reliance Jio Careers**
  Description   Helps Jio for hiring of employs
  Impact   Reduced the effort required for maintaining of candidate records by 30%
  Technologies   Android (Java)

- **Project Name**   **SURFboard Central (Arris International)**
  Description   Used by customers to onboard and manage Wi-Fi routers
  Impact   Helped 100K+ users to manage their router.
  Technologies   Android (Kotlin), NDK, C, Java SpringBoot

- **Project Name**   **Ensource Ummeed**
  Description   Application for bank to check if a person is eligible for a loan.
  Impact   Helped disburse more than 35K+ Loans.
  Technologies   Android (Java), .NET

EDUCATION

- Masters of Computer Application (2019-2021 Non-Attending) from Kurukshetra University
- Bachelors of Computer Application (2016-2019) from Kurukshetra University