Nikhil Kamboj

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Profile Summary

Experienced mobile app developer with 10 years of expertise in **Android, iOS**, and **cross-platform development** (React Native). Proven track record of delivering **high-performance applications** used by **millions of users globally**. Skilled in **Java, Kotlin, Swift,** and **React Native**, with deep knowledge of **app architecture, multi-module systems,** and **performance optimization**.

Skills

Languages: Java, Kotlin, Swift, JavaScript, Typescript, Groovy
Technologies & Tools: Android SDK, Compose, Retrofit, SQLite/Room Database, Firebase, Gradle, SwiftUI, React Native, Spring Boot
Methodologies: MVVM,MVI,Clean Architecture, Multi-Module Architecture, Unit/UI Testing, Agile Development
DevOps & CI/CD: Pipeline Integration with Jenkins, Bitbucket, Git, Docker
Other: App Performance Optimization, CI/CD, Bluetooth Integration, Biometric Authentication

Work Experience

Thoughtworks, Gurgaon (Nov 2021 - Present)
Senior Consultant

- Led the development and release of a high-performance banking app that **serves over 1 million active users.**

- Built and managed environments to compile Android builds using Docker, optimizing the development workflow and ensuring consistency across various environments. Integrated Continuous Integration/Continuous Deployment (CI/CD) pipelines using Jenkin and Bitbucket

- Led the development of a **custom React Native tool designed to streamline configuration management** within React Native apps, significantly improving efficiency and reducing manual configuration errors.

- Designed and delivered a curriculum on algorithms and data structures, improving technical skills for **over 300 employees**.

- Developed an interview management app in React Native, streamlining hiring processes and reducing interview scheduling errors

- Integrated dynamic modules and **instant apps into the React Native platform**, enabling faster customer acquisition for the banking sector.

TCS Noida (FEB 2019 - NOV 2021**)**
Mobile Developer

- **Led the development of an in-house React Native application for clinical trials**, ensuring compliance with industry standards and regulations.
- Led post-launch support and maintenance, including troubleshooting, bug fixes, and user feedback analysis, improving user satisfaction and retention.
- Enhanced app performance by **implementing caching mechanisms, resulting in a significant reduction in render time** and faster load speeds
- implement biometrics to ensure authentication, **Ease user effort by implement auto detect Bluetooth** and data

Keyss, Gurgaon (Aug 2014 - FEB 2019 **)**

Mobile Developer

- Implemented **Socket Programming server less app** by making one app as a local server.
- Make application cricket line guru **serving million of user**
- Implemented key features such as live currency conversion, trade execution, historical data analysis, and user account management.

Education

BITS Pune (Nov 2021 - June 2023)

M.Tech. in Computer Science and Engineering

- **CGPA: 7.00/10**
- Relevant Coursework: Object Oriented Programming, Databases, Data Structures and Algorithms,, Machine Learning, Data Mining, Advance Data Structures and Devops

Kurukshetra University (Jun 2010 - Jun 2014)

Btech. in Computer Science and Engineering

- Relevant Coursework: Object Oriented Programming, Databases, Data Structures and Algorithms, Advance Data Structures and Devops,Compiler,Computer Networks

Personal Project Work

Cricket Line Guru: Developed a mobile app for cricket enthusiasts to view live scores and chat with others. Integrated chat functionality using socket programming and live score updates using Firebase. **More than 5Cr user base** https://play.google.com/store/apps/details?id=com.app.cricketapp&hl=en_IN

Snake And Ladder: Create 2d Board game using **Unity Engine**. **Implement Dijkstra Algorithm to implement** AI to suggest the fastest food path hint for the user.

Sastra: An app for users who want to read Bhagavad Gita Slokas. **Implement a custom player to play transcript in hindi and english**.Add Instant app module to quick review of app.

Library's: Custom implementation of OTP view and range seekbar in Android by **overriding the `onDraw` and `onMeasure` methods** for enhanced functionality and performance.

Courses and Certificates

- **Udemy:** Prepared course of C on Udemy in hindi language | **LINK**
- Game Developer Using Unity

Achievements

- 5 Star Coder | Hacker Rank
- Problem Solver | GeeksforGeeks
- Leet Code Profile