

Nirmal Baby

Software Engineer

Results-driven Android Developer with a proven track record of successfully delivering high-quality mobile applications. Armed with a year of hands-on experience in Android app development, I am adept at translating client requirements into robust, user-friendly solutions. My expertise lies in crafting efficient and maintainable code, ensuring optimal performance across various Android devices.

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📍 London, Canada

WORK EXPERIENCE

Android Developer

Dobby Ads

06/2019 - 10/2020

Bangalore, India

An Android app developed by a start-up company, leveraging information technology for managing Android digital signage TVs.

Achievements/Tasks

- Responsible for the overall development of the Android app and its associated SDK for digital signage TV.
- Collaborating with the team to brainstorm and implement innovative ideas for app enhancement.
- Demonstrated problem-solving skills through efficient bug identification and resolution.
- Applied refactoring techniques to optimize codebase for improved performance and maintainability.
- Applied engineering principles, emphasizing user experience enhancements and industry trends.
- REST APIs are used to communicate with the server where we use the JSON feature.
- Stayed abreast of industry trends, incorporating relevant innovations into development processes.
- Managed version control systems like Git and GitHub for enhanced code management.

EDUCATION

Mobile Application Development (Co-op)

Fanshawe College

05/2023 - Present

London, Canada

Courses

- Programming for Mobile Development
- Android Application Development
- Mobile Application UI/UX Design
- Mobile Security Concepts
- Web Design
- iOS Application Development
- Cross Platform Mobile Development

Master of Computer Applications

Christ University

06/2016 - 05/2019

Bangalore, India

Courses

- Programming in C
- Java Programming
- Artificial Intelligence
- Data Structures
- Mobile Applications
- Web Technologies
- Software Engineering
- Machine Learning
- RDBMS
- NoSQL

TECHNICAL SKILLS

C++

C#

Java

Kotlin

HTML

CSS

Javascript

MySQL

Swift

SwiftUI

Visual Studio

Xcode

Android Studio

Unity3D

SQLite

PROJECTS

Dobby Display (Android)

- An Android app developed by a start-up company, to manage Android digital signage TVs. The app is well structured such that the TVs can give maximum performance in the Digital signage market. Along with this, a supporting App is also developed.

Connect - 4 (Academic Project)

- An android game that is being developed as a part of my research work in the area of Artificial Intelligence in games. The game is designed in Unity3d.

ACHIEVEMENTS

Published a research paper on "Implementing artificial intelligence agent within connect 4 using unity3d and machine learning concepts".

INTERESTS

Travelling

Cricket

Gaming

Music