



# GANESH JP

Android App Developer

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Informational technology professional with a focus on improving the efficiency and quality of IT processes. Looking for an opportunity to leverage my technical skill set and management experience to scale IT operations at a growing company .

## Professional Experience

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January 2022 - Present **Android App Developer** Intelizest Consulting Private Limited

Developed a comprehensive warehouse management application for internal use, optimizing inventory tracking and streamlining operations.

Designed and implemented intuitive user interfaces, allowing warehouse staff to efficiently perform tasks such as receiving, picking, packing, and shipping orders.

Utilized bar scanning technologies to enable quick and accurate inventory management, reducing errors and improving overall productivity.

Successfully customized an Android application to ensure compatibility and optimal performance on various PDA devices like Zebra, Panasonic and CipherLabs

Adapted the user interface (UI) of the application to accommodate the smaller screen size and different input methods of PDA devices, resulting in an improved user experience.

Integrated real-time data synchronization with the backend system, ensuring up-to-date information on stock levels, order status, and product availability.

Implemented push notifications and alerts to notify warehouse personnel about critical events, such as low stock levels or urgent orders.

Enhanced app performance by optimizing database queries, implementing caching mechanisms, and utilizing background processing for resource-intensive operations.

Conducted thorough testing and debugging to identify and fix issues, ensuring a stable and reliable app experience for warehouse users.

Worked closely with backend developers to define and consume RESTful APIs for seamless integration with the warehouse management system.

Implemented security measures, including user authentication and authorization, to protect sensitive warehouse data and maintain data integrity

## Education

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- July 2013 - April 2017    B.Tech in IT VeltechMultitech Dr.RR & Dr.SR Engineering College, Avadi  
Secured 79% with Distinction
- June 2012 - April 2013    HSC S. R. M. Hr. Sec. School, Chennai  
Secured 80% with Distinction
- July 2010 - April 2011    SSLC S. R. M. Hr. Sec. School, Chennai  
Secured 93.4% with Outstanding Distinction

## Key Skills

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- Programming Languages: Java, Kotlin, C++
- Android SDK, Android Studio, Gradle
- User Interface (UI) Development: XML, Constraint Layout,
- RecyclerView, Custom Views Backend Integration: RESTful APIs, JSON, Retrofit, OkHttp
- Version Control Systems: Git,
- GitHub Design Patterns: MVC, MVP, MVVM

## Projects

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### Warehouse Management Applications

#### **Apps Title/Name:**

Alkem Laboratory Warehouse App,  
ChaiPoint Warehouse App,  
Maruti Suzuki India Limited Warehouse App,  
Dankaffee Warehouse App,  
ChaiPoint Delivery App.

#### **App Description:**

The Warehouse Management App is a comprehensive mobile application designed to streamline and optimize warehouse operations. It serves as a digital solution to improve inventory management, order processing, and overall efficiency within the warehouse environment. The app provides a user-friendly interface that empowers warehouse staff to easily track, manage, and fulfill orders while minimizing errors and maximizing productivity.

## **Key Features:**

**Inventory Management:** The app enables real-time tracking of inventory levels, ensuring accurate stock counts and minimizing stockouts or overstocking situations.

**Order Tracking:** Warehouse staff can efficiently track and manage orders from initiation to fulfillment, with status updates and notifications to ensure timely processing.

**Bar Scanning:** The app integrates bar scanning functionality, allowing for quick and accurate scanning of products, reducing manual data entry and potential errors.

**User Management:** The app includes user authentication and role-based access control to ensure data security and restrict access to authorized personnel.

**Role and Responsibilities:** As part of the development team, my role in the

Warehouse Management App project included: Designing and implementing the app's user interface (UI) to ensure a user-friendly experience for warehouse staff.

Developing backend functionalities and database integration for inventory management, order tracking, and reporting.

Conducting thorough testing and debugging to ensure app functionality, performance, and data accuracy.

Optimizing the app for efficient performance and responsiveness, considering factors such as data synchronization and network connectivity.

## **Accomplishments**

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### **INTELLIGENT LIGHTING SYSTEM**

The Intelligent lighting system is embedded with a set of detectors which detect problems occurring in street lights and intimates automatically to the administrator.

- The project got shortlisted in the contest held by Centre of Excellence for Internet of Things (CoE- IoT) at the NASSCOM Startups Warehouse
- Project has been shortlisted for the next level in the contest conducted by PRODUCT IDEA INCUBATION PROGRAM-2016.
- The project got selected in various inter-college competition and won prizes.

## **Certifications**

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### **British English Certificate**

Business English Certificate (preliminary level) from Cambridge University.

### **Google Developers Group**

In-Plant Training on Android Application Development conducted by GDG Team.

## Extra Curricular

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- Participated and improved knowledge through an industrial visit at BSNL to know about the process of telephone communication.
- Participated in many intercollegiate and won prizes for Quiz and Gaming competitions. Won chess competition at Inter school level.

## Languages

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English, Tamil