



“Journey from Beginner to Expert” on Android

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My Experience



12 years experience in **Software Development and Database Administration.**

- Programming Languages :- **C**, C++, **Java**, **C#**, VB, Assembly, **Python**.
- Web Technologies :- HTML5, CSS3, **Java Script**, **Jquery**, JSP, PHP, ASP.Net.
- Database Applications :- **Oracle Enterprise Edition** & Oracle Developer 2K
- Platforms :- **Windows** , **Linux**, **Android**
- Business Domains :- Finance , Retail ,Mobile Applications , **ERP** , Telecom.
- Embedded System, **PLC Programming with SCADA for Industry Automation**
- Frameworks :- Struts ,Hibernate and **Spring** for Java.
- **MVC 5.2** for ASP.Net.

Project Manager For MARC
Laboratories
(Pharmaceutical Sector)

Technologies Used : Java & Android



MARC Laboratories Ltd.

Marc Labs, it has been developing and manufacturing pharmaceutical products and selling and distributing these in India. An integrated healthcare solutions provider with pharmaceutical product basket, it caters to a wide range of therapeutic areas.

A company with a turnover of Rs. 500+ crores and has manufacturing establishment in Baddi, Himanchal Pradesh and Gurgaon, Haryana.

The image displays two screenshots of the MARC web application. The top screenshot shows the 'Sales Order' form, which includes fields for Date (26-10-2017 06:39:59 PM), Order No. (1278), Party A/c, Name, Address, City, Cheque/Draft No., Add License, Current Balance, Mobile No., and Remarks. Below these fields is a 'Product Details' table with columns for Product Name, HSN, Packing, Qty, Deal Qty, Ex Deal Qty, Rates, GST%, No. Of Cases, Weight, and Inclusive Tax. The table has an 'Add' button. At the bottom of the form, there are buttons for 'Reset', 'Save', and 'Order Detail'. The bottom screenshot shows the login page for MARC LABORATORIES LTD. with fields for User-Name, Password, and a 'Login' button. The background of the login page features a medical-themed image with a syringe, pills, and a face mask.

Modules of ERP for MARC Laboratories Limited

1. Financial Accounting System
2. Purchase and Inventory
3. Sales and Marketing
4. Production and Production Planning
5. Quality Analysis and Control
6. Time office and Payroll
Management
7. Personnel Management



Android

Android is LINUX based mobile operating system which is specially designed for smart phones.

Initially android operating system is available for mobiles only. Later on it is available for Different gadgets like Android Tablets, Android Wears (Smart Watch), Android TV (Big Screen) and Android Auto (Auto mobiles)

Android Version List



Code Name	Released Date	API-Level
C Cupcake	April 27,2009	3
D Donut	Sept 15, 2009	4
E Éclair	Oct 26, 2009	5,6,7
F Froyo	May 20,2010	8
G Gingerbread	Dec 6, 2010	9,10
H Honeycomb	Feb 22, 2011	11,12,13
I Icecreamsandwich	Oct 18, 2011	14,15
J Jellybeans	July 9, 2012	16,17,18
K Kitkat	Oct 31, 2013	19
L Lollipop	Nov 12, 2014	21,22
M Marshmallow	Oct 5, 2015	23
N Nougat	Aug 22, 2016	24,25

API – 20 Android Wear

Features of Android

- ✓ The Android operating system is open source, it means the original Source code of Android operating system is available for developers.
- ✓ The Android operating system is free from royalty.
- ✓ The Android operating system supports multiple devices and different Gadgets.
- ✓ The Android operating system supports multiple languages and different fonts. It means we can design android application in native language.
- ✓ The Android operating system supports five types of storage:-
 - Shared Preferences (Primitive Data and Strings)
 - Internal Memory (Private memory in form of files)
 - External Memory (Public Memory in form of files)
 - SQLite (Structured Data) – Which is in form of tabular format.
 - Network Storage (Used to store into the server)

Features of Android

- ✓ Android operating system supports 2D and 3D animations.
- ✓ Android operating system supports multiple types of images like .jpg/.jpeg/.png/.gif etc and multiple types of audio and video files like .mp3/.mp4/.3gp/.avi etc.
- ✓ Android operating system supports SSL (Secured Socket Layer) which is technically known as TLS (Transport Layer Security).
- ✓ Android operating system supports NFC (Near Field Communication).
- ✓ Android operating system supports IPC (Inter Process Communication).