



Certified Android Apps Developer VS-1044

Vskills Certifications

Vskills Brochure



Skills for a secure future

Certified Android Apps Developer

Certification Code VS-1044

Vskills certification for Android Apps Development assesses the candidate for skills on developing applications for Android platform. The certification tests the candidates on various areas in android application development which includes knowledge of android framework, screen layout, UI design, events, intents and widgets.

Why should one take this certification?

This Course is intended for professionals and graduates wanting to excel in their chosen areas. It is also well suited for those who are already working and would like to take certification for further career progression.

Earning Vskills Android Apps Developer Certification can help candidate differentiate in today's competitive job market, broaden their employment opportunities by displaying their advanced skills, and result in higher earning potential.

For employers, the certification provides skill-verification tools that not only help assess a person's skills in android apps but also the ability to quickly complete on-the-job tasks across multiple programs.

Who will benefit from taking this certification?

Job seekers looking to find employment in various IT companies or freelance, students generally wanting to improve their skill set and make their CV stronger and existing employees looking for a better role can prove their employers the value of their skills through this certification.

Test Details

- **Duration:** 60 minutes
- **No. of questions:** 50
- **Maximum marks:** 50, Passing marks: 25 (50%)

There is no negative marking in this module.

Fee Structure

Rs. 3,499/- (Excludes taxes) *

* Fees may change without prior notice, please refer <http://www.vskills.in> for updated fees

Companies that hire Vskills Certified Android Apps Developer

Vskills Certified Android Apps Developer finds employment in big or small android based mobile software development companies. There is a shortage of skilled professionals in this field and companies are in a constant look out of people well acquainted with the work culture and the processes involved. Candidate can also start on own by developing applications for the android app store by Google.

Table of Contents

1. Introduction

- 1.1 Mobile Application Development
- 1.2 What is Android
- 1.3 History of Android Platform
- 1.4 Android Features
- 1.5 Android Architecture
- 1.6 Pre-requisites for Development
- 1.7 Environment Setup

2. Elements

- 2.1 Components of IDE
- 2.2 Android Studio
- 2.3 Android Application Framework
- 2.4 Application Components
- 2.5 UI and Screen Layout Design Elements

3. The Android Platform

- 3.1 Java SE
- 3.2 Dalvik Virtual Machine
- 3.3 The Project Folder Structure
- 3.4 XML Usage
- 3.5 The AndroidManifest.xml File

4. Android Application

- 4.1 The Application Life Cycle
- 4.2 Activity Life Cycle
- 4.3 Activity States
- 4.4 Application Resources

5. User Interface

- 5.1 Views
- 5.2 XML Layouts
- 5.3 Common UI elements
- 5.4 Menus
- 5.5 Dialogs

6. Media

- 6.1 Graphics Basics
- 6.2 Displaying images and animation
- 6.3 Canvas and Drawables
- 6.4 OpenGL ES
- 6.5 Hardware Acceleration

- 6.6 Animation
- 6.7 Audio Playback
- 6.8 Video Playback
- 6.9 Supported Media Formats

7. Events

- 7.1 Handling click and touch events
- 7.2 Keyboard events handling
- 7.3 Using context menus

8. Content Providers

- 8.1 Content Providers Basics
- 8.2 Defining and working with content provider

9. Intents and Intent Filters

- 9.1 Intents and types
- 9.2 Intents and Activities
- 9.3 Intent Messaging and Resolution
- 9.4 Broadcast Receivers

10. Miscellaneous

- 10.1 Widgets
- 10.2 Google Maps,
- 10.3 Google Search Integration
- 10.4 Location Based Services
- 10.5 Data Storage
- 10.6 Device Administration
- 10.7 Web Apps

Sample Questions

1. AVD stands for _____.

- A. Android Visual Drive
- B. Android Virtual Drive
- C. Android Visible Drive
- D. None of the above

2. Android development needs JRE.

- A. True
- B. False

3. Eclipse is an _____.

- A. Android Driver
- B. Android Compiler
- C. IDE
- D. None of the above

4. DVM stands for _____.

- A. Dalvik Virtual Machine
- B. Dalvik Visual Machine
- C. Dalvik Visible Machine
- D. None of the above

5. 'values' subfolder has XML files which defines _____.

- A. Constant value
- B. Images (PNG and JPEG)
- C. Animation
- D. None of the above

Answers: 1 (B), 2 (A), 3 (C), 4 (A), 5 (A)

Certifications

➤ Accounting, Banking and Finance

- Certified AML-KYC Compliance Officer
- Certified Business Accountant
- Certified Commercial Banker
- Certified Foreign Exchange Professional
- Certified GAAP Accounting Standards Professional
- Certified Financial Risk Management Professional
- Certified Merger and Acquisition Analyst
- Certified Tally 9.0 Professional
- Certified Treasury Market Professional
- Certified Wealth Manager

➤ Big Data

- Certified Hadoop and Mapreduce Professional

➤ Cloud Computing

- Certified Cloud Computing Professional

➤ Design

- Certified Interior Designer

➤ Digital Media

- Certified Social Media Marketing Professional
- Certified Inbound Marketing Professional
- Certified Digital Marketing Master

➤ Foreign Trade

- Certified Export Import (Foreign Trade) Professional

➤ Health, Nutrition and Well Being

- Certified Fitness Instructor

➤ Hospitality

- Certified Restaurant Team Member (Hospitality)

➤ Human Resources

- Certified HR Compensation Manager
- Certified HR Staffing Manager
- Certified Human Resources Manager
- Certified Performance Appraisal Manager

➤ Office Skills

- Certified Data Entry Operator
- Certified Office Administrator

➤ Project Management

- Certified Project Management Professional

➤ Real Estate

- Certified Real Estate Consultant

➤ Marketing

- Certified Marketing Manager

➤ Quality

- Certified Six Sigma Green Belt Professional
- Certified Six Sigma Black Belt Professional
- Certified TQM Professional

➤ Logistics & Supply Chain Management

- Certified International Logistics Professional
- Certified Logistics & SCM Professional
- Certified Purchase Manager
- Certified Supply Chain Management Professional

➤ Legal

- Certified IPR & Legal Manager
- Certified Labour Law Analyst
- Certified Business Law Analyst
- Certified Corporate Law Analyst

➤ Information Technology

- Certified ASP.NET Programmer
- Certified Basic Network Support Professional
- Certified Business Intelligence Professional
- Certified Core Java Developer
- Certified E-commerce Professional
- Certified IT Support Professional
- Certified PHP Professional
- Certified Selenium Professional
- Certified SEO Professional
- Certified Software Quality Assurance Professional

➤ Mobile Application Development

- Certified Android Apps Developer
- Certified iPhone Apps Developer

➤ Security

- Certified Ethical Hacking and Security Professional
- Certified Network Security Professional

➤ Management

- Certified Corporate Governance Professional
- Certified Corporate Social Responsibility Professional

➤ Life Skills

- Certified Business Communication Specialist
- Certified Public Relations Officer

➤ Media

- Certified Advertising Manager
- Certified Advertising Sales Professional

➤ Sales, BPO

- Certified Sales Manager
- Certified Telesales Executive

& many more job related certifications

Contact us at :

Vskills

011-473 44 723 or info@vskills.in

www.vskills.com