

“Android App Development”



SUMMER INTERNSHIP/TRAINING REPORT

Abhishek Patel
ASU2020010100026



**IN PARTIAL FULLFILLMENT OF SUMMER
INTERNSHIP/TRAINING FOR THE AWARD OF THE
DEGREE**

**BACHELOR OF TECHNOLOGY IN
COMPUTER SCIENCE AND
ENGINEERING**

APEEJAY STYA UNIVERSITY
SCHOOL OF ENGINEERING AND TECHNOLOGY
ETCS480

INDEX

I. Certificate

II. Acknowledgement

PART 1

III. 1. INTRODUCTION

1.1. ORIGIN OF THE REPORT

1.2. OBJECTIVES

1.3. SCOPE

1.4. METHODOLOGY

1.5. LIMITATION

PART 2

IV. 2. ORGANIZATION

2.1. Overview

2.2. Products and services

PART 3

Week wise work done conclusion

V. 3. OBSERVATIONS

VI. 4. CONCLUSION

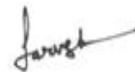
Certificate of Training

Abhishek Patel

from Apeejay Stya University - Gurgaon has successfully completed an 8-week online training on **Android App Development**. The training consisted of Introduction to Android, World of Kotlin, Android Kick-Off, Higher Order Functionalities, and The Final Project modules.

In the final assessment, Abhishek scored 85% marks.

We wish Abhishek all the best for future endeavours.



Sarvesh Agarwal

FOUNDER & CEO, INTERNSHALA

ACKNOWLEDGEMENT

I must first take the opportunity to thank "Intern Shala trainings" for giving me this opportunity to complete my internship training in such a reputed organization.

I am grateful to my honorable mentor Dr. Manpreet Singh Sehgal, Associate Professor, School of Engineering, APEEJAY STYA UNIVERSITY, for assigning me to prepare this report.

I also express my special gratitude to Intern Shala.

Finally, I would like to express my gratitude to all the individuals who have helped me to prepare this report.

As a human being, it is natural that few names may not be mentioned forgetfully, if any.

PART 1

EXECUTIVE SUMMARY

Intern Shala is an internship and online training platform, based in Gurgaon, India. Founded by Sarvesh Agrawal, an IIT Madras alumnus, in 2011, the website helps students find internships with organizations in India. The platform, which was founded in 2010, started out as a WordPress blog that aggregated internships across India and articles on education, technology, and skill gap. Intern Shala launched its online trainings in 2014. As of 2018, the platform had 3.5 million students and 80,000 companies.

VISION

A world where you can discover your passion and turn it into your career. A world where you graduate fully assured, confident, and prepared to stake a claim on your place in the world.

1. INTRODUCTION

1.1. ORIGIN OF THE REPORT

I am Abhishek Patel ASU2020010100026 Student of Bachelor of Technology Computer Science and Engineering, School of Engineering, APEEJAY STYA UNIVERSITY. I had to complete summer internship/training of at least 6 week or more under any industry (company or organization). It all started when I go through the training that intern Shala is giving for summer internship/trainings and gets chance to be part of the organization in the online work from home opportunity. My duration of this Internship is started from the day 2 October 2022 to 25 November 2022 this training is of 8-weeks. On 2 october 2022, I started my Android App development training. It consists of 7 modules consisting of Kotlin, Android Studio, XML, IntelliJ idea and SDK(Software development kit).

1.2. OBJECTIVES

The main goal during the training is to understand what Android App development is and what does it consists of so we can work effectively. Making Android app which can help other peoples. And making the Android app according to many organizations needs because now a days all are coming on online platform. So, to introduce themselves and what they will provide and help peoples to get the information from their home, office, etc. No, need to go anywhere for getting the information most of the times.

1.3. SCOPE

Android App development gives you the opportunity to express yourself creatively on the internet. If you have an idea you would like to try as you discover your Android app development skills. From this we can be a front-end developer, back-end developer, or even both.

1.4. METHODOLOGY

Waterfall methodology is mostly used for web development projects with a clear and predefined scope, with a fixed timeframe for project completion and few iterations or revisions.

1.5. LIMITATION

To enrich and complete this report my level best attempt was given or dedicated although there are some limitations. As this is my first report, about the Web development Sector. So, I had to face many difficulties to preparing the report.

PART 2

2. ORGANIZATION

2.1. OVERVIEW

Intern Shala is an internship and online training platform, based in Gurgaon, India. In 2010, Sarvesh founder & CEO, started Intern Shala as a blog with a mission to bring a culture of meaningful internships in India. And for the first two years, he hired only virtual interns. In 2013, After building a small team, they then launched our website with just one goal - to equip every student in India with their dream internship. And they did it all for free. In 2015, The next big step could not have been anything other than launching their own Android app, bringing Intern Shala in the 'hands' of the students. In 2016, After many successful years as an internship platform, their motivation to upskill the students only increased, and that's when intern Shala kickstarted a new journey with Intern Shala Trainings. In 2021, With an insight that more than 90% of the graduates in India start their careers with a job that pays less than 3LPA, then intern Shala came up with Jobs Oriented Specialization programs to help the students start their careers in their dream profiles.

Company website: <https://internshala.com/>

Company Logo:



2.2. PRODUCT & SERVICES

1. Intern Shala Trainings: Intern Shala offers various training courses for the students which they can do from their home. Courses are according to one's need.
2. Internship and Job Search: Internship and job seekers from all over India can search and apply for internships and jobs relevant to their coursework and interest free of cost on Intern Shala.
3. Internship and Job Posting: Organization & individuals looking to hire interns and/or full-time employees can post their internship and/or job requirement on Intern Shala.

PART 3

WEEK 1: Introduction to Android and Android app

In week 1 I got to know what Android App development is. They gave me the introduction about Android app and Android app development. Then after they started with IntelliJ gave me the introduction and how to create the basic login page using XML . in week 1 they also tells about us the history and from where Android App has been developed.

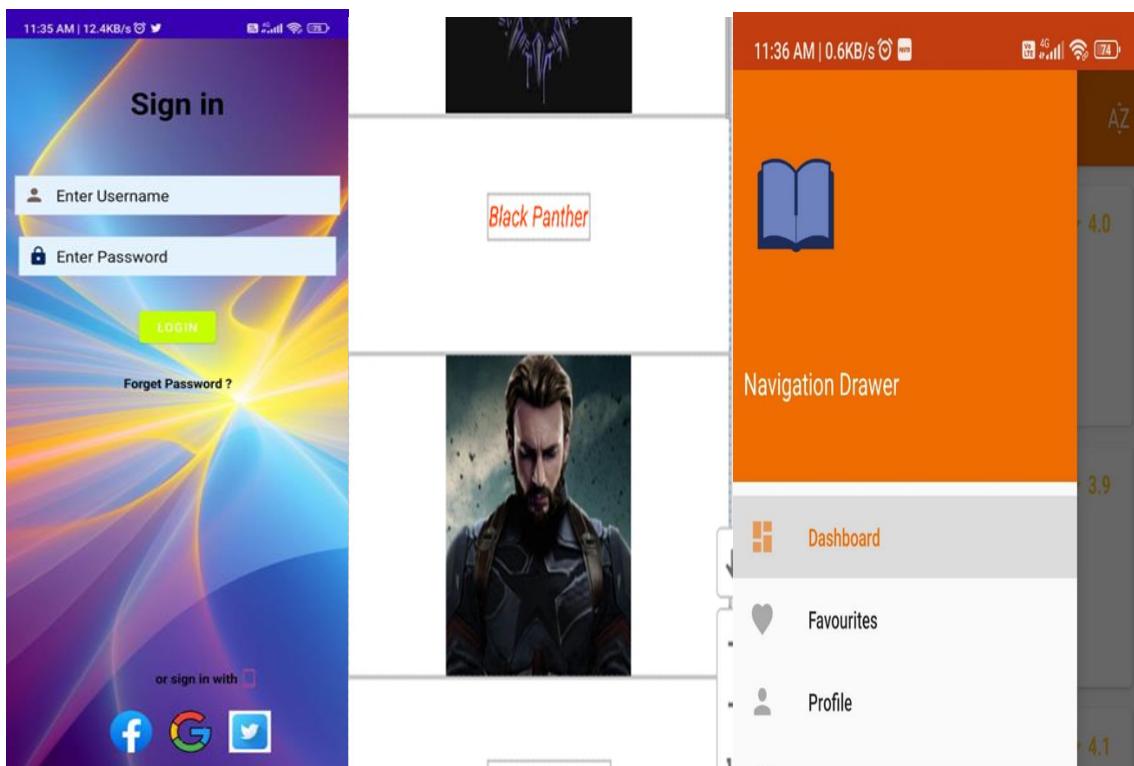
WEEK 2 and 3: Introduction to kotlin and IntelliJ

- In week 2 IntelliJ IDEA provides first-class support for Kotlin. It includes Kotlin-specific project templates, coding assistance, refactoring's, debugging, analysis tools, and so on. Most of the Java tools are available for Kotlin, so, for example, if you know how to use Java debugger or refactoring's, your experience will be enough to use these in Kotlin.

In week 3 I got to know what Bootstrap is and how to use it by linking the bootstrap file inhtml and simply use the pre-created styling.

Week 4 and 5:Projects

In week 4 and 5 They tells us about different types of project. Like making scroll view page ,adding dashboard and different things to the dashboard.



Week 6 and 7: Final report

In week 6 and 7 we came at the final project in which they ask to make a food delivery app like Zomato And swiggy in which we merge all the scroll view dashboard type and login page to make it more attractive.

And after that they tell us how to crack interview. How to speak and sit properly in interview. How to make resume cover letter.

3. OBSERVATIONS:

While in this work from home (online mode) training with intern Shala trainings. I have learnt how to make good looking Android app using XML, IntelliJ , Android studio , kotlin and what database is and how we can connect to App using PHP and how does the database work. Got to know how easy is to make designs on Android app using IntelliJ only and how better we can make Android app using our ideas and then implementing it. While in this training I got many tasks/assignments and quizzes for more clarification of all like how to do and what to do when. While, doing the Android app development trainings some new ideas are coming e.g., how to make the existing one app more attractive.

4. Conclusion:

- So, for their advertisement how important Android app are. This Android App development training course was designed to quickly get you up to speed on how to make Android apps for Android devices. This Android development training course taught us the basis of the Android platform and the application lifecycle. We were able to write simple GUI applications, use built-in widgets and components, work with the database to store data locally, and much more by the end of this Android training course.
- The journey was interested in learning how to make Android apps, and Learning Android programming (Kotlin and XML). Introduction to Android Programming and a Small intro to Advanced Android Programming makes it easy and efficient to learn Android development.

5. References:

- a. https://internshala.com/about_us
- b. <https://en.wikipedia.org/wiki/Internshala>
- c. https://en.wikipedia.org/wiki/File:Internshala_company_logo.png