

Shubham Agrawal

Google Associate Android Developer

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Personal Profile:

I am Google Certified Associate Android Developer who loves to code and build new things. I am currently a senior android developer at Karza Technologies and I'm responsible for the overall quality, security, development & delivery of the android app.

Work:

Android Developer @ Karza Technologies, Mumbai, Maharashtra (April 2022 - Present)

- Responsible for developing the entire android SDK ecosystem.
- Integrated web-rtc calling feature for Video-KYC products.
- Working on cross-platform React-Native for bridging SDKs.
- Built SDKs for downloading e-PAN from the NSDL government website.
- Worked on downloading apps from Play store using Java and Python.
- Built Liveness SDKs using setaface model to detect faces.

Android Developer @ Kings Learning Pvt. Ltd, Mumbai, Maharashtra (April 2020 - April 2022)

- Responsible for developing and enhancing enguru applications.
- Integrated Juspay for fast and seamless payments.
- Using CameraX library for Cambridge Assessments Proctoring
- Built PDF Viewer AES-encrypted library for reading Penguin Readers Club Books
- Used Dynamic Feature module to reduce the size of the application.
- Worked in Kotlin & Java to build SDKs and applications

Associate Software Developer @ Pitney Bowes Software, Noida, UP (June 2018 - April 2020)

- Responsible for developing android apps for SendPro Shipping Solution.
- Responsible for Research & Development to grow SendTech.
- Using Java (Android) and JUnit for writing unit test and Instrumental test.
- Using Python & OpenCv for Object Measurement from 2D Image
- Using Tensorflow for Logo and Shipping Label Image classification.
- Using Samsung KNOX Configure for MDM.
- Using Google TextVision and ML-Kit Model for Address Verification
- Using Google ARCore for Object Measurement.

Summer Intern @ Cyankart India Pvt. Ltd, Delhi (May 2017 - June 2017)

- Responsible for developing front-end part of the application.
- Worked with the team of android developers that planned and created e-commerce platform.

Education:

B.Tech-CSE	Amity University, Noida, UP First Division 7.97 GPA	May 2018
12th	G.D Birla Memorial School, Ranikhet CBSE First Division 94.2 %	May 2014
10th	G.D Birla Memorial School, Ranikhet CBSE First Division 10 GPA	May 2012

Technical Skills:

Web Development:	HTML, CSS, CodeIgniter, Bootstrap, AWS
Development Methodology:	Agile, Scrum, JIRA tool
Operating System:	Windows, MacOS
Programming Languages:	C++, Java, PHP, Python
Mobile Technologies:	Android, Kotlin
Version Control:	GitLab, GitHub, Bitbucket

Certification:

Google Associate Android Developer | 2018

Certification was two round test which included developing, testing a TODO application in the first round and an Interview in the second.

Technologies Used: Android

Credential Link:

<https://www.credential.net/mn0vkgba?key=9d049b20cff848a3f0ebef94e64c2571304f8eab993a83b14a705c4b289adb14>

Projects:

PDF Reader Library | Kings Learning Pvt. Ltd.

A PDF Viewer library to load the pdf using pdf URL in offline and online mode. The library uses AES encryption to secure the contents of the file. It uses cache manager and can pinch to zoom in and out.

Technologies Used: Android, Kotlin

GitHub Link: <https://github.com/shubh261096/PDFReader>

3D Measurement Android Application | Pitney Bowes | 2018

Based on Google Measure App, for Box Measurement and to be used in Pitney Bowes SMB Shipping Solution.

Technologies Used: Android, Kotlin

GitHub Link: <https://github.com/shubh261096/measurementapp>

Logo Image Classification | Pitney Bowes | 2018

An Android Application for detection of Pitney Bowes Logo by training machine learning model.

Technologies Used: Android, Python, TensorFlow

Documentation Link:

https://docs.google.com/document/d/1Z8w_ad2GsorQq-sjXnjaZ9anA-paochgOIYo9GX-5p4/edit?usp=sharing