

Amanshu Raikwar

I love building things. Bangalore, India ● [linkedin](#) ● [github](#) ● [medium](#)

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Experience

Software Engineer at Khosla Labs, Bangalore, India, 7/2018 — PRESENT

- Worked in a team to develop an identity document scanner within a tight deadline of 2 months.
- Lead the development of a multi-module, code pluggable, JSON driven workflow framework to render dynamic screen flows in an Android SDK to meet varying requirements of around 200 B2B clients. Worked with Dagger-2, RxJava, OkHttp, Retrofit, Espresso while using MVP pattern and SOLID principles.
- Worked in a team handling a set of multi-tenant microservices using MySQL. Developed new microservices, enhanced database schemas to accommodate new use cases and built RESTful APIs and CRON jobs.

Software Engineering Intern at Khosla Labs, Bangalore, India, 12/2016 — 2/2017

- Improved performance, UI, UX and added new features to an Android App.

Android Development Intern at Track My Device, 2014

- Developed an android app using google maps android API and Parse online cloud database.

Projects

HowMuch, Android App, 2018 — 2019

- Helps manage expenses using google sheets.
- Distributed the project into various modules using Facade and Adapter design patterns resulting in swappable components.
- Used Kotlin, RxJava, and MVP design pattern.

Splash, Android App, 2018

- Makes browsing content on Unsplash smooth, easy and accessible.
- Implemented infinite loading cache to display a list of images.
- Used Java, RxJava, and MVP design pattern.

Algorithm Design and Analysis, 2017 — 2018

- Used Spark Streaming to run variants of the PageRank algorithm as MapReduce programs on very large evolving graphs.

Docker Container Offload, 2017

- Developed a Java app which offloads docker containers in a docker swarm to another machine seamlessly when resources run out.

Education

B.Tech, CSE, IIT Mandi, 2014-18, 7.7 CGPA

CBSE, SPS Bhopal, 12th : 95.2%, 10th : 9.4 CGPA

Technical Skill Set

Familiar with: Kotlin, Java, Python, JavaScript, HTML/CSS, Linux, Software Design Patterns, MySQL.

Others projects: [Cassette Android App](#) ● [Material Stepper Android Library](#) ● Exodia, CnP, Course Feedback Website

Achievements and Responsibilities

Web Coordinator of Exodia, IIT Mandi, 2016.

Runner up in Hackathon, IIT Mandi, 2015.

3rd Prize in APptitude (app dev competition), 2014.

The design team of RANNEETI event, VIVAAN magazine.