

Amanshu Raikwar

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

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Experience

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

- Lead the development of a multi-module, code pluggable, JSON driven workflow framework to render dynamic Android screen flows to meet varying requirements of around 200 B2B clients. Worked with Dagger-2, RxJava, OkHttp, Retrofit, Espresso while using MVP pattern and SOLID principles.
- Handled technical queries and provided on-site technical support for the products I was involved in.
- Worked in a team handling a set of multi-tenant microservices using MySQL. Develop new microservices, enhanced database schemas to accommodate new use cases and built RESTful APIs, and CRON jobs in fairly complex modules like subscription and billing.

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 into swappable components.
- Used Kotlin, Dagger-2, RxJava and MVP design pattern.

Splash, Android App, 2018

- Makes browsing content on Unsplash smooth, easy and accessible.
- Implemented infinite loading cache to display list of images.
- Used Java, Dagger-2, RxJava, Retrofit, Room and MVP design pattern.

Algorithm Design and Analysis, 2017 — 2018

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

Docker Container Offload, 2017

- Offloads docker containers to another machine seamlessly when resources run out.
- Worked with docker containers in a docker swarm.

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 Website ● CnP Website ● Tour Assist Android App ● Power SOS Android App ● 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.

Design team of RANNEETI event, VIVAAN magazine.