

KUNAL RAGHAV

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EDUCATION

B.Tech. Computer Science
Bharati Vidyapeeth's College Of Engineering
2017 - 2021 (Expected) CGPA 8.48

INTERNSHIPS

Startoon Labs June 2020
Android Developer Intern 1 month

- Worked on **Amazon Web Services**: Cognito, S3 Bucket and DynamoDB
- Migrated codebase to the **Model View View-Model** architecture
- Increased responsiveness and perceived performance of the app due to MVVM refactor and RxJava2

GruBox June 2019
Android Developer Intern 2 months

- Revamped the android app from ground up to follow principles of **clean architecture**
- Used **architectural components** from Google
- Worked on implementing most of the consumer facing UI following material design guidelines

EXPERIENCE

Volunteer
GDG DevFest Delhi 2019 Sept 2019

- Worked with a team of 40 volunteers to manage and organise the event

Android Dev Head
Developer Student Clubs, BVCOE May 2019

- Organised workshops on mobile technologies (Kotlin, Flutter)
- Led and mentored a team of passionate android developers

Technical Head
Hack@BVP 2.0 Sept 2018

- Developed the static landing website for the competition using Bootstrap 4.0, Html5, Css3
- Managed and led the technical team working on the hackathon

SKILLS

ANDROID JAVA KOTLIN JAVASCRIPT
REACTJS EXPRESS NODE GIT LATEX
MONGODB MYSQL PYTHON LINUX
BASH DART DJANGO FLUTTER SQLITE

PROJECTS

OneSec [Kotlin, Retrofit 2.0, Firebase, Maps]

- Uses Firebase Realtime Database, location services and Google Maps API
- Plot a citizen's location on a map and report crimes
- Citizen can also see a live heatmap of the crimes reported in the region

edAR [Kotlin, Retrofit 2.0, ARCore]

- An app that uses ARCore to interact with 3D models of objects
- Intended to help students visualize complex figures such as chemical bonds, body organs, etc. on their phone screens.

Medichange [Java, Retrofit 2.0, Maps]

- Intended to procure unused medicines from chemists and households for use at NGOs
- Plots nearby medicine deposit station on map and offers turn by turn navigation to the selected station

Tardy [Java, SQLite]

- A complete attendance tracking system for students to meet the minimum demands set by their college/institution.
- Clearly shows the amount of classes needed to be taken and a clean timeline for every subject

Flickr Android [Java, XMLParsing]

- Developed a Flickr app that searches public images available on Flickr using its public API

Apple RSS [Java, RSSFeeds]

- Developed an RSS reader for Apple RSS feeds on android

COMPETITIONS & ACHIEVEMENTS

Finalist TOP 4
Smart India Hackathon 2019 Software Edition March 2019

Hack-A-BIT TOP 20
BIT Mesra October 2018

OTHER HACKATHONS:

HACK20 SIH 2020 INT. HACKNSUT HACKDELHI HACKIIITD

CERTIFICATIONS

Server-side Development with NodeJS, Express and MongoDB
COURSERA September 13, 2020

Front-End Web Development with React
COURSERA August 8, 2020

GCP Big Data and Machine Learning Fundamentals
COURSERA March 23, 2019

GCP Fundamentals: Core Infrastructure
COURSERA March 20, 2019