

R B Krishna

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PERSONAL

NATIONALITY

INDIA

EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPALLI

B.TECH IN COMPUTER SCIENCE
Expected June 2018 | Trichy, IN

LINKS

Github:// [krishnarb3](#)
LinkedIn:// [rbkrishna](#)

COURSEWORK

UNDERGRADUATE

Data structures and algorithms
Operating systems
Database management systems
Computer networks
Design and analysis of parallel algorithms
Mobile application development

SKILLS

PROGRAMMING

Over 5000 lines:
Java • Android
Over 1000 lines:
Kotlin • C • C++ • MySQL • PHP

POSITIONS OF RESPONSIBILITY

Lead Android Developer

DeltaForce - Coding club of NIT Trichy.

Head, WebOps

Entrepreneurship Cell of NIT Trichy

Manager

Social Responsibility Team of Festember,
National Level Annual Cultural Festival of
NIT Trichy.

EXPERIENCE

ARCESIUM | SOFTWARE DEVELOPMENT ENGINEERING INTERN

May 2017 - July 2017 | Hyderabad, IN

- Self service tool for data uploaders - part of Pricing web application.
- Bulk upload of data points and template downloads with an intuitive UI and a preview panel.
- Developed a maintainable and extensible parser for parsing the excel documents using Apache POI library based on configuration.
- Technologies used : Struts2, Spring DI, Java 8, MyBatis, JQuery, Maven, Tomcat.
- All code was reviewed and pushed into production

SPORTSCAFE | SOFTWARE DEVELOPMENT ENGINEERING INTERN

Nov 2015 - Dec 2015 | Bangalore, IN

- Worked on building the Android application for the startup from scratch
- The app has undergone a lot of further development and is on **Play store** and has over 10,000 downloads.

OPEN SOURCE

ECLIPSE VERT.X

- Add support for http2 web push and link preload

TERASOLOGY

- Push away from dome feature in Light and Shadow module

DHIS2

- Added Edit DHIS User Profile feature in DHIS2 Android Dashboard
- Added Android Account Manager for DHIS

PROJECTS

PRAGYAN ANDROID | LEAD DEVELOPER

December 2016 - Present | Trichy, IN

Reactive application with MVP, clean architecture and dependency injection using build flavors for all 3 college fests - **Festember**, **Pragyan** and NITTFest

Designed the app architecture and lead a team of 5 developers

App includes an inbuilt chatbot and a location based treasure hunt using AR

Technologies used: RxJava, RxAndroid, Dagger2, Retrofit, FCM, TravisCI.

Tests written in Kotlin using JUnit, Mockito for Unit testing, Espresso for UI testing

POPVIEW ANDROID | LEAD DEVELOPER

June 2016 - July 2016 | Chennai, IN

Over 400 stars on github

Android library available on jcenter and maven

Can be used with one line insertion in build.gradle file.

Pop animation with circular dust effect for view updation with/without trackback animation.

AWARDS

- **Winners**, inGenius Hackathon '16, for building android application for sharing wifi credentials using sound, ACM-PESIT South Campus Chapter, Bangalore.
- **Runner up**, for building a fall detector and client in Sangam, a technical showcase event at Pragyan'16, international techno-management festival of NIT Tiruchirappalli.
- **Finalist** of Triathlon and OSPC (Onsite Programming Contest), at Vortex'16, annual national level technical symposium of CSE department, NIT Tiruchirappalli.