

R B Krishna

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPALLI

B.TECH IN COMPUTER SCIENCE
CONC. IN SOFTWARE ENGINEERING
Expected June 2018 | Trichy, IN
Cum. GPA: 7.59

MAHARISHI VIDYA MANDIR SR. SEC. SCHOOL

Grad. May 2014 | Chennai, India
480/500

LINKS

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

COURSEWORK

UNDERGRADUATE

Database Management Systems
Data Structures and Algorithms
Operating Systems
Networks
Internetworking Protocols
Mobile Application Development
Machine Learning
Multimedia Systems
Unix Tools and Scripting

SKILLS

PROGRAMMING

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

EXPERIENCE

SPORTSCAFE SOFTWARE ENGINEERING INTERN

Nov 2015 – Dec 2015 | Bangalore, IN

- Worked as Android Developer in Bangalore-based startup by 4 ex-IIM students, a platform for Indian Sports. The app is on **Play store** and has over 100 downloads

PRAGYAN | ANDROID APPLICATION DEVELOPER

Jan 2016 – Current | Trichy, IN

- Worked on the app for Pragyan - Technical fest of NIT Trichy.
- Created an app for Pragyan organizers.
- Worked on Pragyan Premier League - Online Fantasy Cricket Game

DHIS | OPEN SOURCE CONTRIBUTOR

Mar 2016 – May 2016 | Chennai, IN

- DHIS 2 is the preferred health management information system in 47 countries and 23 organizations across four continents.
- Contributed to DHIS2 Android Dashboard which displays the data, charts for the patients and disease analysis.
- Worked on Edit User Profile and Android Account Manager for unified DHIS account management for all DHIS apps.

PROJECTS

POPVIEW ANDROID | LEAD DEVELOPER

June 2016 – Present | Chennai, IN

Over 350 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.

POPUK DICTIONARY | LEAD DEVELOPER

Mar 2016 – May 2016 | Chennai, IN

Over 500 downloads on play store

Displays meaning of word from clipboard in a elegant responsive facebook messenger like pop bubble

Can be moved with animation to denote proper retrieval etc.

PUZZLE SOLVER | LEAD DEVELOPER

Mar 2016 – Present | Chennai, IN

Personal project which uses Image Processing to detect and arrange the unsolved jigsaw puzzle pieces

Solves it using a relative puzzle matching algorithm.

Involves thresholding, contour detection, line detection and pixel manipulation

POSITIONS OF RESPONSIBILITY

- **Android Developer** , at **DeltaForce** - Coding club of NIT Trichy.
- **Branding Manager and Designer** at **Entrepreneurship Cell** of NIT Trichy
- **Manager, Social Responsibility Team of Festember'15** , National Level Annual Cultural Festival of NIT Trichy.
- **Manager, WebOps at Pragyan** – National Level annual Technical fest of NIT Trichy.

AWARDS AND CO-CURRICULAR ACTIVITIES

- Winners, inGenius Hackathon '16, for building android application for sharing wifi credentials using sound, ACM-PESIT South Campus Chapter, Bangalore.
- Won 2nd Place, 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.
- Finalist of RapidBizzApps Hackathon, event at Shaastra'16, international techno-management festival of IIT Madras.
- Awarded Special Merit Certificate for being among the Top 0.1 percentile of successful students of CBSE Class XII 2014.

EXTRA CURRICULAR ACTIVITIES

OTHERS

- Part of the NSS team of NIT Trichy. Volunteered in planning and scheduling the events.
- Tech enthusiast, Geek. Up to date with current technology and gadgets.
- Sketching and painting.