

# KRISHNA BOSE

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## EXPERIENCE

- August '19 – November '19  
TECHNOLOGY DEVELOPMENT INTERN  
THINKZONE.IN  
Typescript, Ionic Framework  
Developed Thinkzone teachers app
- June '18 – July '19  
SOFTWARE ENGINEER INTERN  
SOFTCLIQUE SOFTWARE LLP  
Developed Bandbazza customer app

## SKILLS

Java, Typescript, python, JavaScript  
Algorithms and Data Structures, Android (Native + Ionic), Angular, HTML/CSS, Backend development

## PROJECTS

- Developed a native Android app where users can post, find and exchange old books. Contains a search engine, real-time chat and browsing mode. Available [here](#)
- Built an Augmented Reality (AR) powered app (for Smart India Hackathon) that enables users to visualize 3D models of furniture.
- Built an android app that can crowdsource road hazard data and pick up road quality metric from phone sensors and store in a database. It can later show the road quality from start to end point for any user's journey.

## AWARDS AND ACHIEVEMENTS

- **1<sup>st</sup> prize** at national finals of SIH (Smart India Hackathon) 2019
- **3<sup>rd</sup> prize** at the national finals of International Schools Software Competition (2012, 2013)

## EDUCATION

- July '16 – June '20  
B.TECH in COMPUTER SCIENCE AND ENGINEERING  
KALYANI GOVERNMENT ENGINEERING COLLEGE  
YGPA: 8.12 up to 6<sup>th</sup> semester
- April '13 – March '15  
CLASS XII BOARD (ISC) - PCM  
JULIEN DAY SCHOOL, KALYANI  
Grade: **94.2**

## FRAMEWORK AND TOOLS

Android studio, Ionic, Angular, Bootstrap, Git, Node.js, Flask, Firebase, AWS EC2, AWS lambda, REST API, ARCore, Vuforia, Adobe XD, Photoshop

- Created an app to show the modular syllabus for all the technical colleges under WBUT (West Bengal University of Technology), available [here](#) at Google Play Store.
- Co-developed official android app for my college's annual fest that keeps users updated in real time. Available [here](#)
- Created an android app that show Air Quality Index (AQI) of user's current location plotted on map and gives periodic notifications regarding the change in the air quality of his surroundings.