

KRISHNA BOSE

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EXPERIENCE

- **TECHNOLOGY DEVELOPMENT INTERN**
THINKZONE.IN Aug '19 – Nov '19
Typescript, Ionic Framework
- **SOFTWARE ENGINEER INTERN**
SOFTCLIQUE SOFTWARE LLP Jun '18 – Jul '19
Android app development

EDUCATION

- **B.TECH in COMPUTER SCIENCE AND ENGINEERING** Jul '16 – Jun '20
KALYANI GOVERNMENT ENGINEERING COLLEGE
YGPA: 8.34 up to 7th semester
- **CLASS XII BOARD (ISC) PCM – 94.25**
Julien Day School Apr '13 – Mar '15

Languages

- Java
- Typescript
- Python
- JavaScript

Skills

- Algorithms and Data Structures
- Android (Native + Ionic)
- Angular
- Backend dev

Frameworks

- Android (java+XML)
- Ionic/Angular
- Git
- Node.js (express)
- MongoDB
- Serverless
- Flask (python)
- Firebase
- AWS
- REST API
- ARCore

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 plot on a map. It can later show the road quality from start to end point for any user's journey.
- 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.

AWARDS AND ACHIEVEMENTS

- **1st prize** at national finals of SIH (Smart India Hackathon) 2019
- **3rd prize** at the national finals of International Schools Software Competition (2012, 2013)
- **3rd prize** at IEM ISSAC (International Smart Space App Challenge) 2018
- Represented college in national finals of ACM-ICPC (Inter Collegiate Programming Contest) 2017