

# KRISHNA BOSE

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## EDUCATION

2016 - 2020

**B.TECH IN COMPUTER SCIENCE AND ENGINEERING**, KALYANI GOVERNMENT  
ENGINEERING COLLEGE

GPA: 8.75 in 2<sup>nd</sup> semester

2013 - 2015

**CLASS XII BOARD (ISC)**, JULIEN DAY SCHOOL, KALYANI

Grade: 94.25%

2011 - 2013

**CLASS X BOARD (ICSE)**, JULIEN DAY SCHOOL, KALYANI

Grade: 92.5%

## SKILLS

- Android app Development
- Java
- Adobe Photoshop (mostly for logo and UI designs)
- Algorithms
- C, Python (intermediate)
- SQL, HTML, CSS (familiar)

## ACHIEVEMENTS

- Represented School and secured third position at the **International Schools Software Competition** held at Chennai (conducted by SEARCC) twice. (2012, 2013)
- Represented college at **National Student's Space Challenge** (IIT-KGP) image processing autonomous robotics event and secured second prize. (2017)
- Represented college in **ACM-ICPC (Inter Collegiate Programming Contest)** at Amritapuri College of Engineering, Kerala at the National finals. (2017)
- Secured first position in Reverse Engineering event "Decapsulate" in Techtix, the annual tech fest of Kalyani Government Engineering College.
- Secured first position in autonomous robotics event "Robo-T-Racer" in Techtix, the annual tech fest of Kalyani Government Engineering College.

## **OTHER TECHNICAL PROFICIENCIES:**

Operating Systems:

- Windows
- Linux

Frameworks/tools:

- Swing Framework for java
- Firebase for backend development
- Git
- Heroku

## **PROJECTS:**

- Created an app to show the consolidated syllabus for all the technical colleges under WBUT (West Bengal University of Technology), available [here](#) at Google Play Store.
- Developed official android app for my college's annual fest that keeps users updated in real time. Also a QR code based verification for cashier and event coordinators to keep track of participants before and on the day of respective events, available [here](#)
- A close range wireless communication system that uses IR led lights instead of Wi-Fi/Bluetooth for transferring data over air.
- A CUI based simple operating system for raspberry pi (ongoing project)
- An online platform for college students to share their unnecessary resources (books, instruments from previous semesters and services) to their juniors or anyone interested. (ongoing project)

## **EXTRA CURRICULAR ACTIVITY:**

- Active member of official coding club of my college and have given coding classes to juniors.
- An autonomous robotics enthusiast. I have created several autonomous robotic/electronics projects as leisure activity, and have taken part in techfest of several colleges.
- Hobbyist photographer. (secured second prize at a inter school competition)