KRISHNA BOSE

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Java	·	TypeScript	·	C/C++	·	Python
60%		30%		7%		3%

Education

- 2016-2020
  B.TECH IN COMPUTER SCIENCE AND ENGINEERING, KALYANI GOVERNMENT ENGINEERING COLLEGE
  YGPA: **8.12** up to 6th 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%**

Experience

- August 2019 – PRESENT
  Technology Development intern, THINKZONE.IN
  Redesigned the UI/UX of their app in **IONIC framework** with accordance to Material Design 2.0

- June 2018 – July 2019
  Software Engineering intern, SOFTCLIQUE SOFTWARE LLP
  Developed hybrid mobile app with **IONIC framework** for their ecommerce platform
  www.bandbazza.com

Skills

- Algorithms and Data Structures
- IONIC Angular App **Typescript + HTML/CSS**
- AWS Lambda, Cloud instances
- REST API **Node.js**
- Android App - **JAVA + XML**
- Git
- Firebase
- Augmented Reality - **ARCore**

Projects

- Developed a C2C app where users can post, find and exchange old books. Contains a robust search engine and a real-time chat service integrated. Available here
Technologies: Rest API, **Elasticsearch,** Android app with Java + XML, **AWS** and firebase.

- Built an Augmented Reality (AR) powered android app for (Smart India Hackathon) that enables users to visualize 3D models of furnitures.
Technologies: Google **ARCore, Sceneform** and Android Java+XML.

- Created an app to show the chapter-wise syllabus for all the technical colleges under WBUT (West Bengal University of Technology), available here at Google Play Store.
Technologies: Android Java + XML, **material design, firebase**

- Co-developed official android app for my college's annual fest that keeps users updated in real time. Available here
Technologies: Android **Java + XML, QR code** based authentication.

- Created an android app that fetches Air Quality Index (AQI) of user's current location and shows him necessary details, and gives periodic notifications regarding the change in the air quality of his surroundings.
Technologies: Android Java + XML, **REST API, Google Maps API**

Awards and Achievements

- **1st prize** at national finals of **Smart India Hackathon 2019** for creating an Augmented Reality (AR) based android app for Pepperfry.com

- **3rd prize** at **IEM ISSAC (International Smart Space App Challenge)** at Kolkata. This is a 48-hour software development hackathon

- Participated at National finals of **Smart India Hackathon 2018** at ISRO, Ahmedabad.
- Represented college in national finals of **ACM-ICPC (Inter Collegiate Programming Contest) 2017** at Amritapuri College of Engineering, Kerala

- **3rd prize** at the national finals of **International Schools Software Competition** held at Chennai (conducted by SEARCC) twice. (2012, 2013)