

# Rishabhdeep Singh

D-226, Azad Hall of Residence,  
Indian Institute of Technology, Kharagpur  
West Bengal, INDIA - 721302

Email-id : [rishabhdeepsingh98@gmail.com](mailto:rishabhdeepsingh98@gmail.com)  
Mobile No.: +91-8557030007  
LinkedIn : [linkedin.com/in/rishabhdeepsingh](https://www.linkedin.com/in/rishabhdeepsingh)

## ACADEMIC DETAILS

Education	Institute	Year	CGPA / %
B.Tech (Mechanical):	Indian Institute of Technology, Kharagpur	2016 - 2020	6.66 / 10
Senior Secondary:	Guru Ram Dass Academy Sr. Sec. School, Aujla	2016	100 %
Secondary:	Jiya Lal Mittal D.A.V. Public School, Gurdaspur	2014	9.6 / 10

## SKILLS & EXPERTISE

**Programming Languages :** Android, C++, Java, Python, JavaScript, Maven, Bash, HTML, CSS,  $\LaTeX$

**Software Packages:** IntelliJ Idea, Android Studio, Visual Studio Code, PyCharm, MS Office, Word, Excel

**Frameworks & Libraries :** Chromium Embedded Framework, Electron, Flutter

**Database, VCS, UI/UX:** MongoDB, MySQL, git, Github, Adobe XD, Figma

## PROJECTS

- **Software Developer-1 | ZestMoney** October, 2020 - Present
  - Worked on the user's onboarding flow for the ZestLife Mobile App to add up to **10,000+** customers.
  - Tracked users using Mixpanel to help improve the user experience and uplift the conversion rate by **13%**.
  - Working as the main lead of iOS app and driving the team regularly by solving and reducing complex tasks.
  - Helped the team fixing some deprecated and slow libraries which increased conversion rate by **7%**.
- **Google Code-In Mentor | OpenRoberta Lab** December, 2019 - Jan, 2020
  - Mentored a total of **39** Students working on **13** different Tasks setup by organization mentors and admins.
  - Walkthrough the codebase of Open Roberta Lab and assisting students in resolving doubts daily.
- **Software Developer | Intugine Technologies** May, 2019 - July, 2019
  - Built network of algorithms to help resolve issues in Jump points which reduces the tracking deviation by **20%**.
  - Automated Billing and Late Trips Report which are circulated monthly or daily using **AWS Lambdas**
  - Collected data from **Open Street Map** for increasing the ETA prediction by **30%** for ETA Prediction.
  - Worked on modules for Trips, Battery Percentage, Halts for new Operations dashboard programmed in Python.
- **Google Summer of Code | OpenRoberta Lab** May, 2018 - August, 2018
  - Integrate the server and a Web-View using **Chromium Embedded Framework(CEF)** running it entirely locally.
  - Customized important features of the Web-UI that were not required in the Standalone version of the software.
  - Combining the **Blockly** elements with the Parts of USB program to allow it to work with the local Robots.
  - Finally bundling the app as an Android app which helps in transferring the code directly to the robot using mobile.
- **Kharagpur Winter of Code | Student Mentor** December, 2018 - Jan,19
  - Mentored a total of **5** students working on an Android app for IIT integrating with **Enterprise Resource Planning**.
  - The main app incorporates Where is my Professor, Time Table, Previous year Question papers, Chillzone to find empty classes and other MetaKGP Projects.
  - Properly structured the code for the TicTacToe App by creating different directories for assets, resources and code.
  - Added support to Landscape mode and removed Splash screen for Voice Calculator and structured codebase.

## AWARDS & ACHIEVEMENTS

- Secured **1st rank** among **3.40 lakhs** students in Senior Secondary in Punjab School Education Board, 2016-17
- Secured **1st rank** in Codechef Competitive Coding October Challenge 2018 Division 2
- **Bronze** Medal in Weightlifting(Under 77Kg) at Sangram IIT Roorkee, 2018 and Open IIT Powerlifting, 2018.

## CO-CURRICULAR ACTIVITIES

- Frequently participate in Capture the flag(CTF's) and also volunteer in **DEFCON-28** and **DEFCON-29**.
- Active member of National Sports Organization (NSO), IIT Kharagpur from July 2016 - April 2018
- Part of **Silver** Winning Illumination and Rangoli team of Azad Hall of Residence, IIT Kharagpur
- Part of Publicity and Event Managing teams of Khoj 2017, a treasure hunt event organized for first-years
- Frequently participate in Competitive Coding contests and open source projects