

# Shubham Chouhan

Email-id : shubhamchouhane73@gmail.com

Github: <https://github.com/cshubham>

Mobile No.: 7054179123

## EDUCATIONAL QUALIFICATIONS

Year	Degree	Institute	CPI/%
2015-2019	B. Tech Electrical Engineering	Indian Institute of Technology Kanpur	6.2
2015	XII	Adarsh Public School, Jodhpur	92.2
2013	X	Central Academy School, Jodhpur	10

## ACADEMIC ACHIEVEMENTS

- Received **Gold Medal** in **International Master Mathematics Olympiad** with Olympiad rank **51** in 2013
- Received **Gold Medal** in **Eduheal Foundation Interactive Olympiad** in NISO in 2012 and 2013
- Received **Merit Certificate** from CBSE board for outstanding performance in board examinations in 2013

## Jobs

- **Glance, Bangalore** *present - Jan'20*  
SDE2
  - Work in Engagement team, responsible for building new features
  - Integrated features like preCaching game, batterySaver, pocketMode, intra game ads, 1 click featured app install etc
  - Fixed legacy bugs, memory leaks in production
  - Optimised glances download and cleanup code, improving performance
  - Worked on persisting lockscreen glance app into homescreen post unlock
  - Mentoring juniors and along with their pr reviews
  - Responsible for releasing and sdk integration with OEM
  - Worked with OEM, to integrate a click feature, increasing DEU
  - Worked on glance rotation/changing algorithm on lockscreen in configurable, repeation scenarios
- **Roposo, Gurgaon** *Dec'19-June'19*  
SDE1
  - Responsible to build core features
  - Worked on exoplayer optimisations, caching in video feed
  - Integrated quick access dialogs for gift, share etc
  - Integrated paid download via roposo coins

## INTERNSHIPS

- **NOBROKER Technologies Pvt. Ltd., Bangalore** *May'18 - Jul'18*  
ANDROID DEVELOPMENT INTERN
  - Built and deployed **Outbound app**, currently used to record 20K+ calls a day within the company
  - Integrated **google authentication** and implemented call recording using **broadcast services and AsyncTask**
  - Used **Firestore** to upload the recordings and feedback obtained by responses of 3 spinner tabs at the end of call
  - Debugged and **resolved the issue of one sided recording in android 6.0+** devices by using the mobile hardware
  - Implemented **interactive UI** of the payment option in **Nobroker app** with the help of **Zeplin**
  - Designed UI of **RentalAgreement activity** in **Nobroker App**, involving implementation of **viewpager** to show a list of fragments of rental agreements made within different cities
- **NEW YORK OFFICE - IITK** *May'17-Jul'17*  
ANDROID DEVELOPMENT INTERN *Project Mentor: Prof. Manindra Agarwal*
  - Implemented push-notification in app via **Google Firebase Messaging** (FCM) which lets user get notifications without app in foreground
  - Implemented **restricting screenshots** while performing certain secure actions within the app using android APIs
  - Improved the UX of the app by implementing a sidebar with recently used views for quick access
  - Learned working with various activities and fragments and maintaining callbacks between them, explored using **webRTC**
  - Implemented checks to ensure that the phone is not rooted, implemented **kiosk mode** to only work with desired apps

## TECHNICAL SKILLS

- **Programming Languages:** C, C++, HTML, CSS, MATLAB, MIPS Assembly Language, Verilog
- **Android Development:** Kotlin, JAVA, XML, Android Studio
- **Platform/Tools:** Windows,  $\text{\LaTeX}$ , Microcap

## RELEVANT COURSES

Data Structures and Algorithms  
Probability and Statistics  
Digital Electronics  
Digital Signal Processing

Computer Organisation  
Power Systems  
Control System Analysis  
Power Electronics

Introduction to Electronics  
Introduction to Electrical Engineering  
Linear Algebra  
Microeconomics