

Shubham Chouhan

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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

SDE3

- Designed, Improved and implemented analytics in multiple android projects, with better session telemetry metrics
- Designed and Implemented Ipl widget giving updates on match along with content widget on lockscreen
- Worked on aosp to deliver in house remoteview widgets on lockscreen powered from app
- Working as a part of innovation team, explored dreambooth, poc on ML models to deliver Avatar generation app
- Made chatbot myra, using bing and gpt api's which will be used as a chat assistant on Lockscreen

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 Storage** 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, \LaTeX , Microcap