

EMPLOYMENT

Technical Analyst	Deutsche Bank	July 2018 - present
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Interface for PeopleSoft to Workday Migration

- Made APIs and Services with required tests to serve business units with required data.
- Deployed applications on RedHat OpenShift.
- Built SRE tool for Prod-support to answer downstreams queries.
- Made REST based shell to execute set of commands on higher environment.
- Created automation tool to populate Organization data in Workday periodically.

Student Developer	Google Summer Of Code	May - August 2017
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- Developed an android app to expose functionalities of Pocket Science Lab hardware device.
- Worked and coordinated with developers across different countries and states.
- Blogged complete development work weekly on FOSSASIA blog.

Software Engineer, Intern	Samsung R&D	June - July 2017
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Alert Mode for Mobile Devices

- Alert Mode activates above threshold volume level.
- This mode listens for Hot Words for alerting user.
- Reads incoming text messages and alert user accordingly.

EDUCATION

New Delhi	Delhi Technological University	June 2014 – June 2018
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- BTech. in Electronics & Communication Engineering, Score - 78.6%
- CBSE Class XII (2014): Modern Era Convent, Score - 95.2%
- CBSE Class X (2012): Modern Era Convent, Score - 10 CGPA

TECHNICAL EXPERIENCE

Projects

- **PhoneMic** - App converts your android device into Mic. Interaction with low-level APIs of Android. Published on Play Store (has 100K+ downloads).
- **Live Feed** - Transfers real-time camera feed from android phone to desktop, Python script runs on desktop which receives and renders camera frame. **Android, Python**
- **Advanced Attendance System** - App on teacher's phone acts as a server and app on student's phone acts as client, communication b/w client and server happens over Wi-Fi access point by server app. **Android, Firebase**
- **Android Terminal** - App on android phone acts as virtual terminal and python script runs on target device. Firebase is used for communication between phone and target device. **Android, Python, Firebase**
- **3D Pen** - Renders tip of pen continuously using Processing sketch. (Used **MPU6050, Arduino Nano**)

ADDITIONAL EXPERIENCE AND AWARDS

- **All Rounder Recognition Award in Deutsche Bank**
- **Panasonic Mobivation 2016:** Runner Up in Smartphone innovation challenge
- **Hacking:** Tinkering with web and android apps. Playing CTFs
- **HACKIIITD Hardware Hackathon:** Awarded 3rd prize for Robotics Hand Gesture Controller

Languages and Technologies

- Java; Kotlin; Python; C++;
- IntelliJ Idea; Android Studio; Linux; Android SDK; Git; Arduino; Spring Boot; Gradle; Mockito