

# Harsh Mahajan

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## EDUCATION

### NIT TRICHY

B.TECH IN ELECTRICAL AND ELECTRONICS ENGINEERING

MINOR IN COMPUTER SCIENCE

Grad. June 2020

Overall CGPA: 8.7

### GLOBAL INDIAN INTL SCHOOL

Grad. May 2016 | Singapore

12th Grade: 96.6%

## CERTIFICATIONS

GOOGLE PLAY STORE LISTING CERTIFICATE (2022)

GOOGLE CERTIFIED ASSOCIATE ANDROID DEVELOPER (2017)

## LINKS

Google Play Store

Developer ID - 'Harsh Mahajan'

LinkedIn:// harshmahajan2098

Medium:// harsh\_mahajan

## EXTRA CURRICULAR

- Speed-solving & judging in official cubing competitions
- Distinction in Electronic Keyboard Trinity College London
- Videos of classical piano on YouTube
- Long distance cycling
- Black belt in Karate

## CONTRIBUTIONS

### MEDIUM ARTICLES | TUTORIALS

Contributed to Android community by writing tutorials related to modern Android development.

### SCI-KIT-LEARN | ML LIBRARY

Pruned unused parameters and dependencies which **enhanced readability and simplified testing**.

## EXPERIENCE

### SHOPEE | Major E-Commerce company in Southeast Asia & Latin America

Android Engineer | Aug 2020 – Present | Singapore

- Working on Android platform to develop and maintain new business features.
- Spearheaded the development of dynamic feature framework which **reduced average download size by 34%** thereby increasing user acquisition rate.
- Led a project to fulfill requirements so that new Samsung, Oppo and Vivo **devices come pre-installed** with Shopee.
- Developed Shopee Lite variant with **lower memory usage and 20% less storage** for sellers with low-end devices in the remote parts of Indonesia.

### MICROLAND | IT Services company focused on digital infrastructure

Technology Intern | May 2019 – July 2019 | Bangalore, INDIA

- Developed a dashboard capable of **extracting and parsing data** from any **IT Service Management tool** like ServiceNow ITSM.
- Dashboard was adopted by Microland's IT support team for internal use.

### LEMNIS TECHNOLOGIES | Start-up focused on mixed reality headsets

Software Developer Intern | May 2018 – July 2018 | Singapore

- Created a mobile service for **mixed reality headsets** while working closely with the hardware team to accommodate frequent changes in requirements.
- Fixed bugs in existing code-base and adopted industry standard practices which **reduced boilerplate code by 40%**.

## PROJECTS

### SG BUS BUDDY | JULY 2020 – PRESENT | PLAY STORE LINK

- Developed an app to display bus arrival timings in Singapore.
- Google Play Store : **100,000+ downloads** and consistently ranked in **top 5** apps under Maps & Navigation category.
- In-app ads and products generate **annual revenue** of S\$20,000.
- Expanded to **Hong Kong** and **Madrid** with localization strategy.

### DALAL STREET | DEC 2019 – MAR 2020 | PLAY STORE LINK

- Led a team of 5 to develop a **virtual stock market game** with a robust server that can support hundreds of concurrent requests.
- Google Play Store : **10,000+ downloads** with rating of 4.3/5.0

## PUBLICATION

### APPLICATION BASED ANALYSIS OF INDUCTION MOTOR

NATIONAL POWER ELECTRONICS CONFERENCE 2019

Link: <https://ieeexplore.ieee.org/document/9034711>

Published a research paper on predicting the performance of any induction motor and showing the predictions in an app. Paper was selected under "Teaching Aids" category.

## LEADERSHIP POSITIONS

July 2021 - Present	Release person-in-charge for Android, Shopee
Aug 2019 - July 2020	Head of Web Operations, EEE Association
Aug 2019 - July 2020	Core Member, Delta club
Dec 2019 - May 2020	Head of Class Placement Committee for Software, NIT Trichy
Aug 2017 - July 2020	Person-in-charge of EEE Webteam, NIT Trichy