

# Hariom Agrawal

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## EDUCATION

**VIT University, Vellore**, Bachelor of Technology: Information Technology, CGPA: 8.78/10

**July 2016 - May 2020**

**JBS Children Paradise Sr. Secondary School, Kota**, CBSE - AISSCE (12th): 93.2%

**2016**

## EXPERIENCE

### Udaan, Engineer

**July 2020 - Present**

- Built a new product ([Price Company](#)), fruits and vegetables marketplace (B2B2C). Involved in building the react native app and backend as a sole contributor.
- Handles translation service, auth service and content service.
- Built the voice assistant for food and fmcg using azure speech to text, azure translator and LUIS and also experimented with third party voice assistant. Tracked the metric by building a dashboard in mixpanel.
- Responsible for deploying native android and ios apps.
- Upgraded the react native app from 0.59 to 0.63, which resulted in decrease in startup time (~30%) and faster performance.
- Built the editorial framework for adding/editing the static pages for our website.
- Built the gateway server client to enable easy creation of the different web servers. Also migrated the hooks service from the core server to different server using this library, This framework drastically decreased the dev team time to build the server which has built in features like auth, experiment managers.
- Worked on migration of account screens from legacy framework to our latest framework which uses typescript and has in-built capability like tracking the render and response time.
- Made a POC for the automation testing for the react native android app using Appium and typescript.

### Udaan, Technology Intern

**Jan 2020 - July 2020**

- Built CMS framework which is currently in use for SEO, merchandising, media, etc
- Worked with a third party vendor to improve the SEO for the website which increased the web visits by ~3x.
- Worked on auth service for integrating the auth service with communication micro service for sending OTP. And also worked on replacing the redis with cosmos db for session data.

### Fiverr, Freelance Developer

**Jan 2019 - Jan 2020**

- Completed about 80+ projects on [Fiverr](#). The projects involve the use of Php, Python, Android, Java, and machine learning work.

## SKILLS

**Languages:** Java, Kotlin, JavaScript, TypeScript, Python, R

**Framework/Library:** React, React native, Android Native, Node.js, Next.js, Django

**Deployment:** AWS, Azure, Heroku

**Miscellaneous:** Mustache, Selenium, Appium, BeautifulSoup, Firebase, Git, Shell, Clevertap, Mixpanel

## PROJECTS

### VIT 2.0 (Android, Django)

- Developed an android application which fetches data from university websites and shows various student info like timetable, attendance, grades, etc.
- Made a Scraper in python which scrapes details from websites and made a webserver using Django.

### School Management System (Android)

- Made apps for school, parent and admin.
- Made use of google sheet api and appScript to fetch the data using Retrofit HttpClient.
- Integrated PdfViewPager to show the pdf in the app. Used Apache POI API to read excel files in the admin app to append new rows to google sheet.
- Sent push notification based on different categories to the parent app from the admin app.

### Sentiment Analysis (R)

- Made use of Twitter API to collect the tweets and done sentiment analysis.
- Also made use of a wordCloud for better understanding of the results.