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

Product Engineer, Udaan   **Jan 2020 - Present**

- Built **Price company**, from scratch. Contributor for backend and frontend.
- Build voice assistant react native library using azure sdk for text to speech and speech to text.
- Created an **editorial framework**, which gave the ability to update the static pages at real time.
- Refactored the Udaan app, which reduced startup time by 30% and reduced ANRs and crash rates significantly which had been a major pain point for a long time. In turn, increased buyer retention.
- Built **CMS framework** (console, backend, frontend) which is currently in use for SEO, merchandising, media, etc.
- Added SEO support to the UI core framework which is used across all apps.
- Coded a **sitemap builder** with auto sync functionality.
- Created the app release automation process in azure pipeline for the apps used across udaan.
- Built **udaan lite** app which helped in decrease in memory usage, less ANR's and crashes.
- Built api gateway framework which helps in easy creation of new web servers.
- Refactored auth service to support managing user sessions across multiple devices.
- Revamped auth flow of udaan, which reduced the user drop off by 20%.
- Added localisation for the catalog service used throughout the apps.
- Build an **automation testing framework** using Appium, which helps in early catching of major crashes and bugs.
- Manages iOS and Android releases.

Freelance Developer, Fiverr   **Jan 2019 - Jan 2020**

- Completed 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. Also made a Scraper in python which scrapes details from websites and made a webserver using Django.

Air mouse (Python, OpenCV)

- Developed an air writing algorithm to write on screen by hand movement.
- Developed an algorithm to play dino game using hand movement.

School Management System (Android)

- Made apps for school, parent and admin. Made use of google sheet api and appScript to fetch/update data using Retrofit HttpClient.