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   **Jan 2020 - Present**

    Framework Building -
- **Contributor and maintainer to core frontend frameworks used across all websites, apps and consoles at Udaan.**
- **Creator and contributor of content management service.**
  - Built CMS framework (console, backend) which is currently in use for SEO, merchandising, media, etc
  - Added seo support in the core frontend framework which provides capability to individual screens to set seo tags as required. Added seo data for major buyer workflows listing pages discovery increased by 5x.
  - Built a sitemap builder for udaan and started a cronjob for this which updates sitemap at regular intervals.
- **Built the gateway framework to enable easy creation of the web servers.**
  - Framework has inbuilt features like auth, experiment manager, cors. Helped in system stability, latency.
- **Creator and contributor of editorial framework.**
  - This gives the ability to update the static pages at real time and also manage legal docs using the same.
- **Built voice assistant for food and fmcg.**
  - Created a react native library using azure sdk for text to speech and speech to text.
  - Built the LUIS model for interpreting different speech intents and implemented the ui flow for the same.

    Apps -
- **Udaan**
  - 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.
  - Created session apis to manage user sessions to prevent fraud. Build the ui for the same.
  - Revamped auth flow (login, signup), which lead to 20% reduction on user drop off.
  - 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, which helped in better analytics and performance.
- **Build an Udaan lite app. Saw a reduction in memory usage and crashes.**
- **Price company -** Involved in building the react native app and the backend from scratch.

    Miscellaneous -
- Created the app release automation process in azure pipeline for the apps used across udaan.
- Made a POC for the automation testing for the react native android app using Appium and typescript.
- Manage native app release of android and ios apps.
- Maintainer of localisation service and auth service.

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. Also 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/update data using Retrofit HttpClient.