

Ayush Goyal

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EXPERIENCE

Anveshan

Gurgaon, India

Chief Technology Officer

Oct 2020 - Present

- Developed the technical component of the startup **single handedly from scratch**. Built an application for operational supply chain using **React-native and Django**. Also, handled the continuous integration and deployment.
- Developed a **custom traceability solution** that allows customers to scan a QR code and get all the details about the product. This decreased the number of customer returns from **20 per month to 0**.
- Built an automated issue tracking system that tracks customer complaints. Earlier, the sales team was using google sheets. This system improved their **productivity by over 70%**.
- Increased website impressions by **3X in two months** by programmatic SEO.
- Developed a solution to enhance customer experience by sending **automated Whatsapp messages** without using the Whatsapp business API. This saved us costs and also allowed us to **gain insights**.
- Apart from the technical aspect, **hired 3 interns and 1 Full Time employee** in the tech department and **trained them**. Worked with third party vendors to figure out how we can benefit from their products.

Rippling

Bengaluru, India

Software Engineer

May 2019 - Oct 2020

- HackWeek 2019 Winner**: Won company wide annual hackathon by creating a secure, easy to use Google forms alternative for the clients which was included in the product roadmap too.
- Worked on automation of **information retrieval** from different insurance partners **not having APIs**
- Improved the coverage of the tool to cover up to **90%** of the total data
- Added base infrastructure as a work around to crawling using **browser rest API calls**.
- Automated the process of identifying anomalies in the customer insurance data, **minimizing the manual efforts required**.

Finbox

Bengaluru, India

Software Engineering Intern

May 2018 - June 2018

- Restructured a complete application** to aggregate financial data from users account and retrieved top 5 postal addresses and generated account statements based on bank transactions over the credit-debit period.
- Brought down the execution time for data aggregation of a single user **from 1080 seconds to 100 seconds** Also, created a secure and private file sharing back-end server using **Django and AmazonS3** to serve confidential files to the investors

Google Summer of Code Scholar at OpenMRS

Remote

Software Engineering Intern

May 2017 - July 2017

- Worked on the Android Client** establishing **feature parity** with the web client and making **UI improvements**.
- Incorporated in-house feedback and bug report system. Also, made the client more efficient. [GSoc Report](#)

ACHIEVEMENTS

- Winner at INAE Youth Conclave** : Created a mobile application based **fertilizer recommendation system for farmers**. which **estimates soil nutrients** using linear regression on soil legacy data provided by NBSSLUP and farmer's location. Also, implemented a **chat interface** to connect farmers with crop experts and **optimized application** to work on low end phones. [GitHub](#) | [PlayStore](#)
- Winner at Hypertrack Challenge at Angel Hacks 2018** . : Built a community app for trekkers that adds a treasure hunt for the users. Also used the real-time location and activity data generated by HyperTrack's Movement SDK. [GitHub](#)
- Second Runner's Up at Inter IIT Tech Meet** : Developed a dashboard for students that enables a student to sync class timetable with Google calendar, book and share cabs, buy and sell things, browse through previous year question papers etc
- 2nd Runner's Up worldwide at Digital Ocean Cloud Hack** : Developed a **telegram chat bot** that allows a user to subscribe to social media updates, download You Tube videos, upload documents temporarily on the cloud etc, from within the application. [GitHub](#)

PROJECTS

- Assimilation** : Implemented an **Android application and a web app** for the **official attendance system** of Assimilation program. It has over **800+ downloads**. [GitHub](#) | [PlayStore](#)
- TraffLite** : Developed a software system for **Kharagpur police** to verify ownership and the documents of a vehicle. A unique **QR code** was generated for every registered vehicle and an Android app retrieved the vehicle information from the QR code.
- Committer** : I wanted to know what is the **maximum number of commits** GitHub can hold. Found **three issues with GitHub**. [GitHub](#) | [Talk](#)

SKILLS

- Technical : Programming Languages** : Python, C++, C, Javascript | **Frameworks** : Django, Celery, Flask, React-native, Android, Flutter, Dart
Tools : AWS, Docker, CI/CD, Dokku

EDUCATION

Indian Institute of Technology, Kharagpur

West Bengal, India

B.Tech in Agricultural and Food Engineering.; GPA: 6.69

July 2015 - April 2019

VOLUNTEER WORK

- Advisor at Kharagpur Open Source Society**. Organized IIT Kharagpur's, **first Open Source summit** at Kshitij. Over 1000+ students participated.
- Organized **Kharagpur Winter of Code**, a month-long event that introduces and helps student around the country to contribute to Open Source. It had a participation of **900+ students and 50+ projects** in its first installment and **2000+ students** in the year after.
- Maintainer at MetaKGP** an Open Source organization at IIT Kharagpur.