

OMKAR MISHRA

omkar.mishra_asp23@ashoka.edu.in, 21 years
9470302380



EDUCATION

P.G.D in Ashoka Scholars Program	Ashoka University		2023	/4 CGPA
B.Sc in Computer Science	Ashoka University	Ashoka University	2022	3.39 /4 CGPA
CLASS XII in Computer Science & Engineering	Narbheram Hansraj English School	ISC	2019	92.75 %
CLASS X in Computer Science & Engineering	DBMS English School	ICSE	2017	93 %

WORK EXPERIENCE

IWMI | Data Analyst

Jun 2022 - Present

International Water Management Institute / Non - profit International Water Management Research Institute -

- Creation of Stakeholder Sensemaker Frameworks for research on Gendered and Climate effects on Agriculture
- Pilot and **training of 25 enumerators** of the Signification Frameworks for better understanding on ground.
- Analysis of Data points coming from **more than 2000** interviews from both of the frameworks.
- A Secondary data review of data collated from governmental resources for the **past 10 years** to clarify and correlate the data points coming out of the frameworks
- A **preliminary paper** on the patterns emerging from the Data review and analysis

TRIVEDI CENTER FOR POLITICAL DATA | Software Designer

Jun 2021 - Jun 2022

India's leading Political Data Management

- Created an application from scratch using the **django framework** for data management.
- Created an **sql database** management system to handle and update the LokDhaba dataset.
- Used **Restful APIs** to handle communication between the Database and the application.
- Handling the backend data as well as the **frontend UX** of the application using **HTML and CSS** elements.
- Amplified the robustness of the application and making more than **1500+ clients** nationwide access and update data simultaneously.

SAWO LABS | Frontend Developer

Mar 2022 - Jun 2022

A Passwordless Authentication Platform For Businesses and Consumers

- Designing the RBAC Emler design and refinement of frontend Dashboard.
- Remodeled the **Role Based Access Control** frontend
- Refining the **React based Frontend** of the Dashboard and remodelling the **UI/UX** to add more features and increase consumer interactions by **43 percent**
- Created Marketing and Educational material for the company, increasing the reach by more than **37 percent**.

TRIVEDI CENTER FOR POLITICAL DATA | Election Data Project Leader

Oct 2020 - Jun 2021

Initiated a project to gather and Publish Chief Ministers and Cabinet Ministers Election Data -

- Published two Datasets which tracked all essential variables for Chief ministers and Cabinet Ministers of a state since 1965 to the current data.
- Improved the legibility of the data and its efficiency by clearing out variables using Python and R.
- Remodeled and cleaned the available data to connect it to the existing company dataset.
- Introduced a dashbord that could visualize and make it a lot more comprehensible to the user.

PROJECTS

bro-k - Personal Project

Sep 2022 - Present

bro-k is a personal finance management platform that I am working on. In the process of which -

- Conducted Extensive user research with over **200** individuals to validate my problem statement and design the MVP.
- Worked on a **React Native** based application that helps in budgeting saving and tracking personal expenses.
- Created the backend for the project using a **Firestore Real-time Database**.
- At this point the product is in a testing phase with over **100+ daily active users**.

[omi265/brok_new \(github.com\)](https://github.com/omi265/brok_new)

Personal Website - Code Portfolio

Jul 2022 - Present

A Compilation of all my projects and Experiences -

[Omkar Mishra \(omi265.github.io\)](https://github.com/omi265)

Working on a WhatsApp information Bot - Coding

May 2020 - Jun 2021

Refined the working of a WhatsApp Bot that can give you information relating all things in the university and beyond -

- Refined the time **efficiency by 50%** by jumping through unnecessary steps in the code and simplifying it.
- Integrated a system to tell you about the covid cases and vaccination status in your specific location or any location you chose by pulling data from **government APIs**.
- Included a **mapping section** to guide freshers on campus to various classrooms and locations using specific keywords.
- Remodeled the data delivery system to make it more useful and increase the userbase to **more than 70 percent** of current and fresh batches coming in.

POSITIONS HELD

Teaching Assistant | Infoedge, Center for Entrepreneurship | Ashoka University

Aug 2022 - Present

Selected out of **200+** students to curate a course: **AI & Data Analytics**, with **Professor Tushar Jaruhar**, founder of edLightened.

Core Team Member | Ashoka Debating Union

Sep 2020 - May 2022

- Refined the **Inclusivity of the Program** by organizing more events pulling in lot more Freshers to join the club.
- Partnered with Other members in **training and mentoring** new members of the union.

Vice President of the Tech Ministry | Ashoka Technology Ministry

Mar 2020 - Jul 2022

- Creation and refinement of the **Campus Mess System** utilizing various **React and JavaScript Elements**
- Helping the IT department in creating a much stable server for student usage, reducing outages by **27 percent** and increeasing coverage.
- Leading a project to create an **Information Bot** for the whole Campus.