OMKAR MISHRA

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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				

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IWMI | Data Analyst Jun 2022 - Present

Facilitated -

- Creation of Stakeholder Sensemaker Frameworks for research on Gendered and Climate effects on Agriculture
- o Pilot and training of 25 enumerators of the Signification Frameworks for better understanding on ground.
- o Analysis of Data points coming from more than 1200 interviews from both of the frameworks.
- o 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
- o A preliminary paper on the patterns emerging from the Data review and analysis

TRIVEDI CENTER FOR POLITICAL DATA | Software Designer

Jun 2021 - Present

Produced an application for the company that -

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

INTERNSHIPS EXPERIENCE

IPSOS ALONG WITH THE GOVERNMENT OF INDIA | RO Audit Manager

Jun 2020 - Jul 2020

Improved the Efficiency of the Audit process for the company working with the Indian Government for the Swachh Bharat Project -

- Enhanced the efficiency of the application working on the React based frontend making the application more user friendly and helping in the usability by the Auditors.
- Enabled more than 300 Auditors who spoke different languages to use the application and complete the process within the time limit of a month, which used to take more than three months.
- o Completed the installation and Audit of Water Purifiers in more than 1000 remote locations of Karnataka.

SAWO LABS | Frontend Developer

Mar 2022 - Jun 2022

Designing the RBAC Emailer design and refinement of frontend Dashboard.

- o Remodeled the Role Based Access Control frontend
- o Refining the React based Frontend of the Dashboard to add more features and increase consumer interactions by 43 percent
- o Created Marketing and Educational material for the company, increasing the reach by 27 percent.

PROJECTS

Working on a WhatsApp information Bot - Coding

May 2020 - Present

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.
- o Included a mapping section to guide freshers on campus to various classrooms and locations using specific keywords.
- o 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

Vice President of the Tech Ministry | Ashoka Technology Ministry

Mar 2020 - Jul 2022

- o Creation and refinement of the Campus Mess System utilizing various React and JavaScript Elements
- o 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.

Core Team Member | Ashoka Debating Union

Sep 2020 - May 2022

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

VOLUNTEER EXPERIENCE

Jyoti Club Jamshedpur - Role: Teaching Volunteer | Cause: Education | Dec 2018 - Jun 2019

Rotaract Club Jamshedpur - Role: Blood Donation Drive | Cause: Health | Aug 2017 - May 2018

EXTRA CURRICULAR ACTIVITIES

BADMINTON

Represented East Singhbhum in District Level Badminton championship, District Level Player

VOCALS More than 10 years of experience in Classical Music

LANGUAGES KNOWN

English, Odia, Hindi