# AJAY SHARMA

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## EDUCATION

**B.Tech in Computer Science**                                      Delhi, IN | 2020 - Ongoing
Netaji Subhas University of Technology
CGPA: 7.73 / 10

**Class XII - Central Board of Secondary Education (CBSE)**         Delhi, IN | 2019 - 2020
Midfields Sr. Sec. School
Science: 92%

## WORK EXPERIENCE

**MICROSOFT** | SWE Intern                              Hyderabad, India | May 2023 – July 2023

- Enhanced **IaaS VM discovery** with **Azure Resource Graph (ARG) as data source**, resolving issues of **unauthorized and non-existent VMs**. **Boosted performance**, **user experience**, and implemented **server-side pagination** and **filtering** for improved data navigation.
- Successfully completed **Phase 0 migration of Azure Backup Restore** experience, transitioning from **Knockout to React** using **reusable components**. This resulted in a **5x performance boost** and a **Lighthouse score of 92+**, indicating exceptional **user experience and performance.**

**ACCIOJOB** | JavaScript Problem Setter                        Remote | Mar 2023 – May 2023

- **Crafted diverse problem sets** for **Acciojob's web development course**, focusing on **HTML**, **CSS**, **JavaScript**, and **ReactJS**.
- **Collaborated** effectively under **tight deadlines**, ensuring course material **suitability and high-quality** output.

**CONBI** | Frontend Engineering Intern                         Remote | Dec 2022 – Mar 2023

- Led the front-end development of a new product, "**Airbook**", utilizing tools such as **YJS**, **Tiptap**, **React-Ace**, **Hocuspocus**, **Ant Design**, **Redis**, and **Supabase**, thus gaining proficiency in **collaborative applications.**
- **Broadened technical expertise** through extensive learning of **Google Cloud** services like **Cloud Storage**, **Cloud Functions**, **BigQuery**, and **Firebase**.

**MY ANALYTICS SCHOOL** | Software Development Engineer Intern     Remote | Sep 2022 – Dec 2022

- Enhanced **MyAnalyticsSchool** website, drove the **design and development** of a new "**Dashboard**" educational **product** using **ReactJS** and **Spring Boot**, and gained expertise in deploying projects on **AWS** services including **Elastic Beanstalk**, **RDS**, and **Amplify**.

**RABLO.IN** | Software Development Engineer Intern               Remote | July 2022 – Sep 2022

- As the **Backend Lead**, developed and maintained numerous **REST APIs** using **Express** and **MongoDB**, while **enhancing MongoDB schemas** for **optimal data organization** and **retrieval.**

## PROJECTS

**AUTO ANALYTICS** ⬈              ReactJS, MUI, ChartJS, Django, Django Rest Framework, Pandas
A **full stack web application** to **analyze automotive industry data** with the integration of **robust tools** such as a dashboard, **data analyzer**, and **sales forecaster**.

**SIXTEEN - MEETINGS APP** ⬈                    ReactJS, TailwindCSS, Socket.IO, WebRTC
A full-stack web application designed for conducting **online meetings**, built with **Node.js**, **React.js**, **WebRTC**, **Socket.io**, and **Tailwind CSS**. This app offers **multiple room support**, **audio** and **video conferencing**, **group chat functionality**, and the ability to **share links**.

## SKILLS

**Languages:** Python, SQL, JavaScript, TypeScript
**Web Development:** ReactJS/NextJS, Svelte/SvelteKit NodeJS, NestJS, ExpressJS, Django, Flask, Spring Boot, HTML/CSS
**Tools, Operating System and Databases:** Git, Github, Docker, Windows, Linux, MacOS, MongoDB, SQlite, MySQL, PostgreSQL