

Alfiya Khan

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SUMMARY

MCA student with a current CGPA of 8.0 aspiring to join a software developer role at a top-tier company. I have a good understanding of C++, Object Oriented Programming, Data Structures and Algorithms along with the knowledge of various statistical and probability concepts which will help me contribute to the growth of my organisation.

EDUCATION QUALIFICATION

- Post-graduate diploma in **Applied Statistics**, IGNOU 2021-Present
- Masters in **Computer Applications**, Birla Institute of Technology, Mesra, Ranchi
CGPA : 8.0 2018-2021
- B.Sc in **Computer Science**, Vikram University, Ujjain
Final Marks : 69.8% 2013-2016
- Class 12th, Emerald H.S. School, Jaora
Final Marks : 69% 2013
- Class 10th, VenuGopal School, Jaora
Final Marks : 69% 2011

SKILLS

- *Programming Languages* : C, C++ (Object Oriented Programming), Java, Python, SQL, Excel, Weka
- *Coursework* : Algorithms, Data Structures, Computer Architecture, Database Management Systems, Web Programming, IoT, Machine Learning

PROJECTS

Student Management System Console Based Application (January, '21)

- This is a JDBC project.
- I created a database with the help of MySQL Server.
- In this project, I learnt to perform CRUD operations on the data in database through JAVA Code.

Data Science Web Application (September to October, '20)

- Worked on a python project with flask and some of the python libraries including pandas, io, numpy etc.
- Used some machine learning algorithms to process the data and to show the results in graphical form
- This project helped in reducing the error which is possible while performing the task manually and to save time so that users can concentrate on other fields regardless of record keeping

WhatsApp Automation (August, '20)

- Worked on a python project which uses data stored in an excel sheet with the help of task manager on predefined time. Using which automated messages can be sent to selected users, for example greeting messages, daily reports, etc.

CERTIFICATE COURSES AND WORKSHOPS

- Participated in 'IT Academy: Cloud and Virtualization Concepts' conducted by VMware, where basics of setting up a virtual machine was taught
- Participated in 'IT Academy: Software Defined Storage Concepts' conducted by VMware, where identification of software defined storage, layers of software defined storage and components of Hyper Converged Storage vSAN was taught

EXTRA CURRICULAR

- Helped in organizing the annual college festival 2018. Was part of the core organizational team responsible for BIT Mesra (NOIDA CAMPUS) *Alumni Meet 2020* in which past students from across the world were invited
- Acted as the class representative of my MCA Batch which means that I act as a go through between my fellow batchmates and subject teachers regarding class projects and placement related activities
- I take an active reader's interest in news and development pertaining to Algorithms, Data Science and Database Management Systems. I spend my free time learning the R language and various algorithmic concepts as it will enable me to grow my skill set and actively participate in the industry. I also like to read books, mostly non-fiction and exploring new places

VOLUNTEER WORK

- Volunteered for a Non-Profitable Organization *BRS MANAV SEVA SAMITI* in 2019, to promote education by running campaigns, providing scholarships and distributing stationery to the underprivileged students