

AJAY KUSHWAHA

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ABOUT ME

I am a dedicated second-year undergraduate pursuing a **B.Sc. (Hons) in Biomedical Sciences** at **Bhaskaracharya College of Applied Sciences, University Of Delhi**, with a current **CGPA of 7.77**. My interest lies in the interconnected fields of **Computational Biology, Pharmacology, Bioinformatics, and Molecular Biology**.

I am passionate about advancing **drug development and biomedical innovation** by integrating **biological sciences and technology**. I have a strong **analytical mind** and an unquenchable **thirst for knowledge**, so I'm always interested in learning about new developments and expanding my knowledge in this fascinating field.

EDUCATION

Bhaskaracharya College Of Applied Sciences, University Of Delhi
B.Sc(Hons) - Biomedical Science - CGPA - 7.77

2023 – Ongoing
New Delhi, India

COURSEWORK / SKILLS

- **Laboratory Skills** - Hands-on experience with lab techniques and biological assays.
- **Genomics** - Understanding of genome sequencing, analysis, and interpretation.
- **Transcriptomics** - Familiarity with RNA sequencing and gene expression analysis.
- **Proteomics** - Knowledge of protein structure, function, and interaction studies.
- **Python** - Basic proficiency in programming and data analysis.
- **Data Structures & Algorithms** - Understanding of fundamental concepts.
- **Database Management (DBMS)** - Knowledge of MySQL and relational databases.
- **Problem-Solving & Analytical Skills** - Strong logical reasoning and adaptability.
- **Leadership** - Experience in leading teams and managing tasks efficiently.
- **Communication Skills** - Effective verbal and written communication.

INTERNSHIP AND COURSES

- Completed a **short-term course on Bioinformatics**, covering basic to advanced concepts.
- Completed a **Hands-ON Workshop on Bioinformatics and Cheminformatics**, covering **Sequence Alignments, Molecular Modelling, Primer Designing Tools, Molecular Docking, DNA Sequencing Methods**.

OTHER ACTIVITIES

- **Member of Red Ribbon Club** — Volunteer in Spreading Awareness Regarding HIV/AIDS.
- **Media Coordinator of Compassionate Crew** — A Mental Health Society of Bhaskaracharya College of Applied Sciences.