CURRICULUM VITAE

ROHAN KUMAR

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Date of Birth: 27th January, 1999

Profile: A Science enthusiast, currently pursuing Masters in Biotechnology from MIT-WPU. I believe that working in a company provide me with invaluable experience when it comes to Biotechnology and research skills which will completely benefit me also my skills and experience will prove to be an asset to your organization. Eager to contribute to company's success through hard work, attention to detail and excellent organizational skills. I am confident that, if admitted, I would surely satisfy your expectations and fulfill my ambition.

Education:

M.Sc. Biotechnology	MIT- World Peace University, Pune	2020- 2022	CGPA - 9.58
B.Sc. (Hons) Biotechnology	Shoolini University, Solan	2017-2020	CGPA - 7.40
BSEB (+2)	Gulab Memorial Inter College, Bettiah	2015	70.80%

Internship:

- I have completed my industrial training in R&D department at "**Sun Pharmaceutical Industries"**. (01/12/2021 – 31/05/2022).
- I have worked as a Research and Development Intern at "**Defence Research Laboratory, DRDO"** on **"Coptis teeta wall: A Potential endemic medicinal plant of Eastern Himalayas"**. (01/08/2021- 31/10/2021).
- Worked as a Bioinformatics Intern at **"HackBio".** (01/08/2021 – 05/09/2021).
- **'Advanced Recombinant DNA Technology',** Codon Biotech Pvt.Lmtd, Noida, U.P, India. (06/2019 - 07/2019).

Project:

- I have Worked on **"Protein Expression in Mammalian System"**, at **"Sun Pharmaceutical Industries"**
- Made **"DNA Nucleotide Count Web App"**, this app counts the nucleotide web composition in a query DNA and also it shows GC%**.**
- Worked on **"To Analyze Possibilities Behind Utilization of Flavone Biosynthetic pathway and Consecutive Genes Participating, for Decreasing the Effects Hyperphenylalaninemia "Predominant Symptom of PKU Metabolic Disorder",** at "**Shoolini University, solan".**

Publication:

- Published Blog (**How we made this DNA Nucleotide Count Web App?)** on **'Medium',** is a blogging platform.
- Published Blog (**How Bio-python is used for computational Biology?)** on **'Medium',** is a blogging platform.

Courses:

- **'Techniques for Genetic Manipulation in Bacteria and Viruses',** by MIT-WPU, Pune.
- **'Bacterial Genomes: From DNA to Protein Function using Bioinformatics',** by Future learn.
- '**Python Basics for Data Science',** by edX.
- **'Recent and upcoming enhancements to NCBI BLAST and primer-BLAST services!',** by NCBI.
- **'Python skills for Handling Biological Data',** by stepik.

Network & Membership:

- Member at '**SBE MIT-WPU'**, is a student's chapter of Society of Biological Engineering (SBE) is providing an integrated and interdisciplinary platform for students from different disciplines, MIT-WPU, Pune.
- Former Media manager of **'RuBisCo'**, the monthly scientific newsletter at the School of Biology, MIT-WPU, Pune.

Scientific techniques known:

- Cell Culture, Molecular Biology, Python (Beginner), Basic Bioinformatics.

Skills:

- Hobbies – Photography, Drawing, Video making
- Languages – Hindi, English

Referees:

- Dr. Anup Kale, Head, School of Biology, MIT-WPU, Pune (Email- anup.kale@mitwpu.edu.in)
- Dr. Shreeram Joglekar, Assistant Professor, School of Biology, MIT-WPU, Pune (Email- shreeram.joglekar@mitwpu.edu.in)