

Manas Gupta

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PROFESSIONAL SUMMARY

As a recent graduate with a Master's degree in Bioinformatics, I am eager to apply my knowledge and skills in a professional setting. With a foundation in programming and data analysis, I am proficient in languages such as Python, R, and SQL, and have experience in analyzing genomic data with experience in machine learning algorithms, strong attention to detail, a passion for problem-solving, and a commitment to learning and growth, I am well-equipped to contribute to bioinformatics research and data analysis. I am seeking an entry-level role that will allow me to build on my skills and gain hands-on experience in the field of bioinformatics and data analytics.

SKILLS

Python
Git/GitHub

HTML/CSS
Shell Scripting

SQL
R language

EXPERIENCE

Fortem Bioscience Private Limited. Bioinformatics Intern

July 2022-November 2022

- Successfully worked on a Drug Discovery Platform on a SaaS project, leveraging cutting-edge technologies, and software tools to accelerate drug discovery research. Skilled in analyzing complex biological data, developing predictive models, and collaborating with cross-functional teams to drive results.
- Successfully led teams in developing and implementing bioinformatics solutions that have contributed to groundbreaking research.
- Integrations of various computational tools for building web applications using python libraries such as Numpy, Pandas, and Flask, and implemented bioinformatics solutions
- experience conducting cutting-edge research on various machine learning algorithms used in different computational tools for protein structure prediction.

Dr. Blal Institute of Biotechnology, Jaipur Project Intern

July 2021- October 2021

- Researched various phytochemicals present in medicinal plants and experimented on antibiotic-resistant bacteria for antimicrobial potential.
- Experience in leading teams and coordinating tasks, I am adept at managing complex projects and ensuring module progress. Skilled in collaborating with cross-functional teams, I have successfully led teams in developing and executing daily tasks that have contributed to groundbreaking research. With a strong attention to detail and a passion for problem-solving and attention to detail.

CSIR-IGIB, New Delhi Student Intern

August 2019- October 2019

- Hands-on training experience in molecular techniques used in recombinant DNA technology, including protein extraction, media preparation, gel electrophoresis, ligation, and transformation of E.coli.
 - Published a review article including a review article titled "Understanding the Machinery of Mycobacteriophage to Control Infection of Mycobacterium tuberculosis H37Rv Using Mycobacterium smegmatis," published in Archives of nanomedicine: Open Access Journal
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EDUCATION

2016 - 2022

University of Rajasthan

DUAL-DEGREE B.TECH-M.TECH

in Biotechnology and Bioinformatics

2016

IIS, Jaipur

All India Senior School

Certificate Examination (AISSCE)

REFERENCE

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