

SHREYA MUKHOPADHYAY

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PROFILE SUMMARY

- A highly-skilled professional with **one-plus years of experience** working as a Jr. Research Analyst
- Demonstrated capability to read, comprehend, and interpret data from scientific publications
- Hands-on experience in extracting biological data from the literature, such as information on genes, diseases, and drugs, as well as specifics on the population, genetic variations, experimental studies, technique, etc., in a systematic manner, in accordance with the project's rules and set protocols
- Adept at performing dry lab work along with the efficiency to extract the data available from scientific journals & publications
- Extensive cognizance of molecular biology principles, comprehension of molecular processes, and sound scientific basis

SKILLS

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|-----------------------|----------------------------------|----------------------------|
| • Research | • Scientific Data Interpretation | • Clinical Data Extraction |
| • Data Analysis | • Clinical Literature | • Data Quality Analysis |
| • Data Modeling | • Molecular Biology | • Trends Identification |
| • Analytics Solutions | • Biotechnology | • Report Generation |

WORK EXPERIENCE

Jr. Research Analyst at Excelra Knowledge Solutions Pvt. Ltd., Hyderabad, India from June 2021 to Present

Significant Accomplishment:

- Awarded Outstanding Achiever Award

Highlights & Responsibilities:

- Interpretation, annotation, and analysis of scientific data based on clinical literature for diseases in the oncology, cardiovascular, neurological, autoimmune, and metabolic fields
- Performed thorough analysis of the evaluated data utilizing full-text publications and journals to make sure it complies with the client's requirements (using internal review tools)
- Defined data quality-related queries raised by senior team members to aid with quality analysis techniques
- Identified and documented any inconsistencies, then consulted with the appropriate team members to advance ongoing learning
- Offered clients throughout the globe savvy data and analytics solutions
- Ensured customer satisfaction and the delivery of high-quality data
- Closely collaborated with reviewers and subject-matter specialists, assisted them with the specification validation process, and eventually contributed to comprehensive systems and procedures
- Supported project managers and quality analysts in developing and validating quality and productivity benchmarks
- Participated in team conversations with a variety of internal stakeholders to comprehend the project objectives in line with the demands of science and assisted in identifying the gaps by providing pertinent queries and exceptional cases
- Uploaded the extracted data files and the literature documents with comments to the relevant project directory
- Followed policies for maintaining the intellectual property and the privacy of scientific data

WORKSHOPS & SEMINARS

- Secured First Rank in Critical Essay Writing Competition on the topic "Gene Scissors CRISPR-Cas9: How it Works, Therapeutic Applications and Associated Controversies" organized by Prof. J.J. Ghosh Foundation.
- Summer Internship Project on "Role Of Virome Against Enteropathogens Present In Ganges Water"
- Poster Presentation on "Multi-Drug Resistance and Phage Therapy" at National Level Seminar on "Modern Trends in Microbiology" organized by Department of Microbiology, St. Xavier's College (Autonomous), Kolkata
- Industrial Visit to Sri Vijayavishakha Milk Producers Company Ltd. situated at Vizag, Hyderabad, Telangana, India
- Poster Presentation on "Bioremediation in India: Current Status" at UGC- Sponsored National Level Seminar on "Modern Trends In Environmental Microbiology" organized by Department of Microbiology, Scottish Church College in collaboration with Bose Institute, Kolkata

EDUCATION

- Master's Degree in Microbiology with a CGPA of 9.2 from Acharya Prafulla Chandra College - 2021
- Bachelor's Degree in Microbiology with 69% from Acharya Prafulla Chandra College - 2019