

Baishnabi Bhattacharyya ([LinkedIn](#))

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Education:

Mount Carmel College (Autonomous)- Bengaluru
MSC, Life Science (Results awaited)

August 2022-May 2024

St, Joseph's University- Bengaluru
BSC in Microbiology, Chemistry and Botany
(Percentage: 70.67%; CGPA: 7.15)

July 2018-May 2021

Work experience:

SEO Content writer at SEO content India
Ghaziabad, Uttar Pradesh
May 2020-August 2021

- Worked as a part-time content writer, juggling through graduation emphasising on multiple SEO based content for the company. As an SEO based content writer, it groomed me into understanding the power of specific keywords and an in-depth knowledge of keyword research for writing giving me ample experience in understanding the power of digital marketing and Product management.
 - Experienced in SEO tools like, Analytics, Webmaster tools.
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Internships:

Jorhat Medical college and Hospital, Jorhat, Assam
(December 2021- March 2022)

- Interned at a prestigious medical college in Assam in the department of Microbiology. Under the department of Microbiology, worked in the laboratories of Bacteriology, Virology, Parasitology, Serology.
- Worked during the peak third wave of COVID-19 pandemic, carried out experiments in the lab of the samples collected from the hospital.
- Provided guidance and support to junior interns during laboratory experiments, ensuring their safety and understanding.

CSIR-North East Institute of Science and technology (NEIST), Jorhat, Assam
(May 2023-June2023)

- Assisted in designing and conducting experiments on the topic: Isolation and Molecular identification of culturable microbiota from Fermented beverages.
- Performed data collection and analysis using various laboratory techniques and statistical software.
- Collaborated with a team of researchers to analyse research findings and prepare research reports.

Projects:

- Wrote a term paper on the topic “Cellulases and Biofuels: an overview” under the guidance of Dr. Mamatha S in the year 2020 as a part of the curriculum at St. Joseph’s University.
- Conducted a project titled “Isolation and Molecular identification of culturable microbiota from Fermented beverages”
- Submitted Master’s dissertation on the topic: “Isolation and Characterisation of Agarolytic bacteria in Agricultural soil”

Skills:

- The basic laboratory techniques: PCR, gel electrophoresis, microscopy, DNA extraction, cell culture, western blotting, ELISA.
- Data analysis and statistical software like Excel, Tableau (basic level)
- Programming languages like Python, SQL (Basic level)
- Research methodologies: experimental design, data collection, data interpretation, literature review
- Strong written and oral communication skills
- Attention to detail and accuracy.
- Problem-solving and critical thinking
- Ability to work independently and collaboratively.
- Ability to lead a team, acted as an Editor for Microcosm: The microbiology society of St. Joseph’s University. Led a team of 6 people to conduct a fest as well as releasing a newsletter.

Certifications:

- A certified trainee in the field of Genetic Engineering under Dr. Syed Wajeed, St. Joseph’s University, Bengaluru.
- Bioethics: The law, Medicine, and Ethics of Reproductive Technologies and Genetics under Harvard University under EdX courses.
- Essential Epidemiologic Tools for Public Health Practice under Johns Hopkins University under Coursera courses.
- Mind Control: Managing your mental health during Covid 19 under University of Toronto under Coursera courses.

Languages known:

English, Assamese and Hindi
