

Jaivish Mishra

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SUMMARY

As a highly motivated B.Tech. Biotechnology undergraduate with a fervent passion for research and coding, I possess extensive knowledge in both biotechnology and computational biotechnology. My interests lie in web development, data analysis, and machine learning, honed through numerous certification courses and hands-on projects. I seek opportunities to leverage my technical proficiency, problem-solving acumen, and dedication to continuous learning in a professional setting. Eager to contribute effectively to organisational success and personal advancement, I am prepared to work diligently and adapt swiftly in a dynamic and challenging environment.

TECHNICAL SKILLS

Programming Languages: Python, Java, HTML, CSS, JS, MATLAB, R

Front-End Framework: React (Basic)

Computational Tools: Molecular Docking (Protein-Protein, Protein-Ligand), Molecular Data Retrieval and Analysis

PROJECTS

Bee Venom : Boon to Breast Cancer Therapy

6th Semester

Computational Biotechnology Project

Molecular Docking, Scientific Writing

- Studies about the effect of Bee Venom on Breast Cancer
- Molecular Docking between Melittin and ESR-1 to check the effects of Melittin on Breast Cancer Caused by Oestrogen Receptor Alpha
- Study on Possible Future Research Scopes

Mosquito-Repelling Candle from Eucalyptus and Citrus Essential Oils

4th Semester

Bioseparation Engineering Project

Bioseparation, Scientific Writing

- Literature Review on Mosquito Feeding Patterns and Potential Repellent Agents
- Essential oils from Eucalyptus globulus and Citrus limetta were extracted via Clevenger apparatus and purified with diethyl ether
- candle using these purified oils and Soy Wax was created and moulded in the shape.

EXPERIENCE

Web Development Intern

July 2023 - August 2023

Bharat Intern

India

- Created a Netflix Homepage Clone using HTML, CSS
- Created a Personal Portfolio Website using HTML, CSS
- Created a Temperature Converter Website using HTML, CSS, and JS

EDUCATION

Noida Institute of Engineering and Technology

Uttarpradesh, India

B.Tech in Biotechnology Engineering

2021 - 2025

CERTIFICATIONS

- I have 12 Certifications from Coursera Platform
- I have 7 Certificates from Infosys Springboard Platform
- I have 4 Certificates from HackerRank Platform