

SHUBHAM MADDHESIYA

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<https://github.com/shubham-bioai>

Completed a Bachelor's degree in Biotechnology in 2025 with over one year of combined academic, laboratory, and industrial training experience. Gained hands-on laboratory research exposure through a project on antimicrobial activity of copper following GLP practices, along with industrial internship experience. Currently transitioning into bioinformatics, developing skills in Python, biological data analysis, and machine learning to integrate experimental and computational life science research.

WORK HISTORY

Project on Antimicrobial Activity on Copper

Sept, 2023 - Nov, 2023

Mahayogi Gorakhnath University

- Conducted Literature Review on the Effects of Copper on Various Microorganism, Such as Bacteria, Fungi and Virus and the Mechanism Behind its Antimicrobial Properties.

Project Intern

Jul, 2023 - Aug, 2024

Mahayogi Gorakhnath University

- Completing my own Project Under supervision of Professor
- Antibiotic Sensitive Test (kirby bauer) || Media Preparation ||
- Microbial Growth Dynamics || Ethanol Production ||

Internship Trainee

Jun, 2024 - Jul, 2024

India Glycols Limited

- Gained Hands-on Experience in Fermentation Processes, Distillation, and Quality Control at IGL, Contributing to Biofuel and Alcohol Production
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EDUCATION

BS Biotechnology Mahayogi Gorakhnath University Gorakhpur

July, 2022 - July 2025

CERTIFICATION

- Infosys Springboard: Html, Certified Biotech Sector Financial Modeling.
 - Discovery Boulevard: Molecular Docking
 - Pfizer: Molecule to Market Job Simulation
 - Deloitte: Data Analytics Job Simulation
 - Unnati: Personality Development, Soft Skills.
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SKILLS

- Wet Lab : GLP, Media preparation, Microbial culturing, Sample handling
- Bioinformatics : Python, Biological Databases, Molecular docking
- Software & Tools : AutoDock, PyMOL, MS Excel, Word, Linux
- Management Skills : Laboratory inventory, Team-based laboratory work