

# Krishna Nitin Barge

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## Objective

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Innovative and motivated Bioengineering undergraduate with a solid foundation in biotechnology research, digital health development, and leadership. Adept at applying scientific and engineering principles to develop innovative healthcare solutions, optimize diagnostic technologies, and support patient-centric products.

## Education

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- B.Tech, Bioengineering VIT University, Bhopal | 2022–2026 (Expected) | Cumulative GPA: 7.97
- 12th Grade (Science Stream) | St. Paul College of Science, Nagpur | 2022 | CGPA: 83.17%
- 10th Grade | Purna Convent School, Nagpur | 2020 | CGPA: 93.60%

## Internship

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- Cancer Biotechnology Research Associate  
Biolim Institute, Chennai | May 2025 – July 2025 | Duration: 3 months | Score: 87% .Contributed significantly to advanced cancer diagnostics and biomarker research. Supported experimental protocols involving molecular diagnostics, analysed complex biological data, and collaborated closely with senior scientists.

## Skills

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- Bioinformatics: BLAST, Clustal Omega, PyMOL for sequence and structural analysis.
- Innovation & Problem-Solving: Skilled in designing novel healthcare applications, optimizing biotech processes, and troubleshooting technical challenges using analytical and creative thinking. Skilled in analysing disease pathways to support innovation in healthcare technology and patient-centric solutions.
- Effective Communication: Articulate complex scientific and technical ideas clearly to diverse audiences, fostering stakeholder engagement.

## Projects

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- **Wine Production from Yeast :** Group Lead | Led experimental design and fermentation optimization to improve yield and quality
- **Mind Well Website & App :** Group Lead | Developed a mental health web app and mobile platform with assessment tools, peer support forums, and teleconsultation features.

## Certifications

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- Cancer Biotechnology Internship Certificate – Biolim Institute, Chennai (2025)
- Python Essentials – Vityarthi Portal (2024)

## Achievements

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- Manuscript submission: “Chinese Medicine for Cancer Treatment” (Biolim Institute) in publication que. | Buisness , finance , Sales & Marketing Exposure,.

## Extracurricular Activities

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- Volunteer for STEM outreach and biotech awareness initiatives targeting students and community.
- Active member of bioengineering club and bioengineering chapter, contributing to collaborative scientific activities

