

# Nikil Krishna

Thanjavur Tamil Nadu  
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**Ambitious undergraduate student at SASTRA Deemed University pursuing Biotechnology. Fascinated by Computational biology and driven to explore the microscopic world. Actively experimenting with molecular visualization and simulation using software tools. Expanding knowledge in AI and ML for insilico protein binder design. Find joy in traveling, music, reading, and crafting.**

## Education

Expected in October  
2026

**Bachelor of Technology - BTech in Biotechnology**  
Shanmugha Arts, Science, Technology & Reserch Academy (SASTRA) at  
Thanjavur, India

- 8.57 CGPA
- Pursuing Honours

June 2022

**High School Diploma**  
ALPHA Wisdom Vidyashram at Tiruchirapalli

- Final Grade: 90%

## Skills

- Computational Structural Biology
- Protein Binder Design and Engineering
- Molecular Modelling
- Molecular Dynamics
- Enzyme Engineering
- Python
- SOTA ML protein structure prediction
- Antibody Engineering
- Molecular Docking
- Drug Design
- Bioinformatics
- Scientific Writing

## Software

ChimeraX	<div></div>	Pymol	<div></div>
Autodock Vina	<div></div>	Gromacs	<div></div>
MOE	<div></div>	Alphafold	<div></div>
Aspen Plus	<div></div>	Github	<div></div>
Schrodinger Maestro	<div></div>	ML	<div></div>

## Certifications

Schrodinger drug discovery hackathon Winner 2024

## Languages

English	<div></div>	Tamil	<div></div>
Kannada	<div></div>	Telugu	<div></div>

## Websites, Portfolios, Profiles

- nikilkrishna.netlify.app
- linkedin.com/in/nikil-krishna-0b2a5b1bb/
- github.com/greenrace666
- x.com/bionikil

## Interests

Reading , Travelling , Crafting

## References

- Dr. Venkatasubramanian Ulaganathan  
Principal Investigator , Molecular Motors Laboratory  
Associate Professor , SBCT , SASTRA Deemed Univeristy  
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- Dr. Karunanithi  
Mentor  
Senior Assistant Professor , SASTRA Deemed University  
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