# SADANA PRITI

TECH-SAVVY BIOINFORMATICS GRADUATE

## CONTACT


807-253-3048

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Mayiladuthurai, TN, India

https://sadanapriti.github.io


## EDUCATION

- **Master's degree in Bioinformatics**
  Alagappa University
  2025 – **78.8%**
- **Bachelor's degree in Bioinformatics**
  Bishop Heber College
  2023 – **82.8%**
- **Diploma in Bioanalytical Techniques**
  Bishop Heber College
  2021 – **90.0%**

## SKILLS

- **Programming & Tools:** Python, SQL, Bash, Perl, Biopython, Jupyter Notebook, VS Code, Git, Linux, MS Office
- **Web Development:** HTML, CSS, basics of JavaScript
- **Libraries & Frameworks:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, RDKit
- **Methodologies:** Data Analysis, Machine Learning

## LANGUAGES

- Tamil, English, Hindi

## PROFESSIONAL SUMMARY


Analytical and detail-oriented bioinformatics postgraduate with strong programming, data analysis, and software development skills. Skilled in Python, SQL, and machine learning with experience in developing scripts, web components, and automation workflows. Passionate about applying technical skills in a software and data-driven environment.


## WORK EXPERIENCE

**Project Intern**

**Indian Institute of Science**, Bangalore, India | May 2024–Jul 2024

- Developed and validated biological interaction models in Python
- Contributed to data pipeline creation and network analysis

## CERTIFICATIONS & TRAININGS

- Programming with Python
- Machine Learning & Data Science
- Big Data Computing
- Advancements in Bioinformatics

## PROJECTS

- Machine learning-based compound screening (Python, Scikit-learn)
- Web-based reporting with HTML/CSS and automated Python backend
- Data processing pipelines for genomic data using Bash and Python

## CONFERENCE

**International Conference on Structural Biology and Drug Discovery (CSBDD-2024)**

## REFERENCES

- Prof. Dr. J. Jeyakanthan, Alagappa University (jjeyakanthan@alagappauniversity.ac.in)
- Prof. Dr. Sanjeev Kumar Singh, Alagappa University (sksingh@alagappauniversity.ac.in)
- Prof. Dr. K. Sekar, Indian Institute of Science (sekar@iisc.ac.in)