



# SIRIL FRANKLIN A

Web Developer

## CONTACT



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<https://siril-franklin.github.io/protfolio/>



531,kalathupatti,Manapparai,  
Trichy,Tamilnadu.,

## TECHNICAL SKILLS

Web Developement

Programming

Machine Learning

Bioinformatics Tools

Database Management

Molecular Docking

## SOFT SKILLS

Problem-Solving

Team Collaboration

Communication

## ACHIEVEMENTS

Photography Enthusiast

Active in Sports

Organizing Committee Member

## PROFILE

A highly motivated Bioinformatics undergraduate with a strong passion for integrating technology and life sciences. Expertise spans web development, molecular docking, and machine learning-based drug discovery, with hands-on experience in both academic research and personal projects. Then committed to creating innovative, impactful solutions through a blend of computational skills and scientific knowledge, and actively seek opportunities to grow and contribute in dynamic, interdisciplinary environments.

## PROJECTS

### DRUG DESIGNING USING MACHINE LEARNING ACADEMIC PROJECT | 2023 – 2024

- Built predictive models (XGBoost, LGBM, RandomForest) to estimate pIC50 values of EGFR inhibitors using molecular descriptors derived from canonical SMILES, aiding targeted cancer drug discovery.

### SMART ALCOHOLIC MONITORING SYSTEM WEB DEVELOPMENT PROJECT | 2024

- Developed a web-based database system to detect underage alcohol consumption by scanning fingerprints. The system matches biometric data with Aadhaar-linked records to identify individuals accurately. Designed for secure, real-time verification and monitoring.

## EDUCATION

### HIGHER SECONDARY SCHOOL(2020-2022)

Lakshmi Matriculation Higher Secondary School,  
Manapparai, Trichy, Tamil Nadu  
State Board  
Percentage: 83%

### BSC.BIOINFOMATICS(2022-2025)

Bishop Heber College,  
Bharathidasan University, Trichy, Tamil Nadu  
2022 – 2025 | CGPA: 8/10