



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

Molecular Docking

Machine Learning

Bioinformatics Tools

Database Management

SOFT SKILLS

Problem-Solving

Team Collaboration

Communication

ACHIEVEMENTS

Photography

Sports

Organizing Committee

PROFILE

I am a highly motivated Bioinformatics undergraduate with a strong passion for integrating technology and life sciences. My expertise spans web development, molecular docking, and machine learning-based drug discovery, with hands-on experience in both academic research and personal projects. I am committed to creating innovative, impactful solutions through a blend of computational skills and scientific knowledge, and I 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