

# POORNI

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## OBJECTIVE

A dedicated 2nd-year biotechnology student with a strong academic background and a deep interest in virology. Proficient in foundational laboratory techniques and skilled in programming for data analysis. Eager to apply my knowledge to contribute to research and gain hands-on experience in a scholarship or research program.

## EDUCATION

**Rajalakshmi Institute of Technology, Chennai** 2024 - 2028

B.Tech Biotechnology - 8.2 CGPA

**Shrishti Vidyashram, Vellore** 2023 - 2024

CBSE Class XII - 6.9 CGPA

## INTERNSHIP

**Intern, Bhumi NGO, Chennai** June – July 2025

Mentored and taught children at local government schools, helping to improve their academic skills and confidence.

## SKILLS

**Programming Languages:** Python, HTML, CSS

**Lab Techniques:** Cell Culture, Gel Electrophoresis, PCR

**Soft Skills:** Public Speaking, Leadership, Communication

**Technical:** Research, Data Analysis, Web Development

## LANGUAGES

**Tamil:** Native

**English:** Proficient

**Hindi:** Fluent

## PROJECTS

### Biohealx

Developed a biodegradable wound bandage with an integrated pH monitor to non-invasively track the status of a wound.

Applied principles of chemistry and material science to design a solution that can detect infection early in the healing process.

### Find My Lecturer

Created a web-based tool to help students easily check the availability of teachers, streamlining the process for academic guidance.

Designed a user-friendly interface using HTML and CSS to solve a common university problem.

## CERTIFICATION & WORKSHOP

**MongoDB Basics for Students** - MongoDB 2025

**Network Pharmacology - A paradigm in Drug Discovery** - PharmaGenDRx 2025