



# SHAMANTHA GOWDA T S

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[Portfolio Website](#)

## OBJECTIVE

To obtain a challenging position that provides me the opportunity to reach my full potential professionally and personally by utilizing my skills and knowledge in your organization that provides a dynamic work culture and environment.

## EDUCATION QUALIFICATION

Course	Name of the School / College	Percentage / CGPA	Year of Passing
BE Biotechnology	Acharya Institute of Technology	8.28	2023
PUC (PCMB)	Vidya Jyothi PU College	80.67	2019
SSLC	Infant Jesus School	88	2017

## EXPERIENCE

**GRAPHIC DESIGNER INTERN | Subhansh Sewa Trust** **Sept 2023 – Nov 2023**

Developed proficiency in utilizing industry-standard design software such as Adobe Photoshop, InDesign, and Illustrator, along with user-friendly tools like Canva. Designed and produced a collection of informative posters for effective knowledge sharing.

**INTERN | Bengaluru Genomics Centre Pvt. Ltd.** **Aug 2022 – Sept 2022**

Worked on the project "Genetic Purity Testing of Hybrid Seeds" which measures the seed lot's genetic purity and compares it to the target percentage in order to assist seeds to get market acceptance by using SSR biomarkers method.

**INTERN | University of Trans-disciplinary Health Sciences and Technology** **Sept 2021 – Oct 2021**

Worked on the project "In Silico Prediction of Pathogenesis Related Secreted Proteins from *Phytophthora capsici*" where the pathogenic proteins which are being secreted from *Phytophthora capsici* are being identified by using various bioinformatic tools.

## SKILLS

- Python Programming
- Structured Query Language (SQL)
- MS Office
- Molecular Biology
- Bioinformatics
- Genetic Engineering
- Adobe Photoshop
- Power BI
- Microbiology
- Bash
- R Programming

## PROJECTS

### **Production and Optimization of Siderophores against Chlorosis**

Siderophore-producing organisms were identified and cultured in Siderophore-Inducing Media (SIM) as part of the project. Working on the incorporation of inducer (lead nitrate) into media and observing the effect and then concentrations of enhancers are being standardized.

### **Enhancement of Shelf Life of Avocado and Custard Apple by Incorporating with Chitosan-Essential Oil Based Biofilm**

In this endeavour, the crops are chosen primarily based on their shelf life and import fees. These are combined with cinnamon oil and rose essential oil, and then the concentrations are optimized for optimal shelf life extension.

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## CERTIFICATION

- Joy of computing using Python – NPTEL
  - Python Programming – Simplilearn
  - Industrial Biotechnology - Coursera
  - SQL Basics Certification - HackerRank
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## ACTIVITIES

- Qualified in GAT-B (Graduate Aptitude Test-Biotechnology) Exam
  - Secured 6.5 bands in IELTS (International English Language Testing System)
  - Completed Masters in Drawing by securing first class
  - Presented Poster in ICCAR Poster Presentation in the year 2022
  - Presented Poster in 3-Day National Seminar on Biotechnology for Better Life conducted in SMVIT -2022
  - Paper Presentation in International Conference on Global Convergence in Technology, Entrepreneurship, Computing and Value Engineering: Principles and Practices (ICGCP) conducted by Sathagiri College of Engineering 2023
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## WORKSHOPS AND WEBINAR

- Hands on Experience on Fundamentals of qPCR and Immunology - **Workshop**
  - Microsoft Power BI Workshop conducted Microsoft Power BI Community – **Workshop**
  - Understanding the Metaverse conducted by KIMO – **Webinar**
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