SHAMANTHA GOWDA T S

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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	Scores	Year of Passing
BE Biotechnology	Acharya Institute of Technology	8.28 CGPA	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**

- Contributed as a volunteer.
- Developed proficiency in utilizing industry-standard design software such as Adobe Photoshop, 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**

- Played a key role in an industry-collaborative project 'Genetic Purity Testing of Hybrid Plant Seeds of Brinjal'
- Successfully completed projects and other tasks while meeting deadlines under pressure.
- Developed hands-on experience with various laboratory equipment, including PCR, qPCR, and gel electrophoresis.

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

- Contributed to the project 'In silico Prediction of Pathogenesis-Related Secreted Proteins from Phytophthora capsici'.
- Proficiently utilized various bioinformatics software and webpages, including NCBI, Omictools, TmHmm, and many more.
- Gained proficiency in using Linux commands and Bash scripting.

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 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.

In silico Prediction of Pathogenesis-Related Secreted Proteins from Phytophthora capsici

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

CERTIFICATION

- Joy of computing using Python - NPTEL
- Bioinformatics for Biologists: An Introduction to Linux, Bash Scripting and R - Future Learn
- Industrial Biotechnology - Coursera
- AI for India 2.0 - GUVI
- SQL Basics Certification - HackerRank

ACHIEVEMENTS

- Ranked159th in the Graduate Aptitude Test-Biotechnology (GAT-B) 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 Sapthagiri College of Engineering 2023

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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