

# C.PURNAVARDHINI

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Botany Master's Graduate with a Published Research Paper in an International Journal, dedicated and ambitious life sciences professional seeking the role of Subject Matter Expert Intern at Bio-science. Eager to apply my expertise in scientific research and content creation to contribute to the development of innovative educational materials. Ready to collaborate with a dynamic team and grow alongside industry leaders in a fast-paced environment.

## SUMMARY OF QUALIFICATIONS

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- **Freelance Illustrator experience**, I specialize in capturing the beauty of plant life through detailed illustrations and artwork. I collaborate with clients to create custom illustrations for various purposes, including scientific publications, educational materials, botanical gardens, and personal projects. I meticulously depict plant specimens, focusing on accurate portrayal of botanical features such as leaves, flowers, stems, and roots.
- **1 Year of Content writing experience**, excelling in subject matter, created content for website, blog, brochures, with a passion for storytelling and a commitment to promoting the value of ancient foods and grains in contemporary society. Possessing strong research skills, excellent writing abilities, and a keen eye for detail, I have successfully collaborated with interdisciplinary teams to produce high-quality content.
- **1 Year of Clinical Project Manager experience**, performing monitoring visits, ensuring protocol adherence, and managing site activities in compliance with local regulations, ICH-GCP, and company procedures **exhibiting my strong leadership, effective communication and coordinating skills**. Proficient in identifying risks, taking proactive measures, and collaborating with cross-functional teams to resolve queries and ensure data quality.
- **1 Year of Online Botany Subject Tutor experience**, by creating engaging lesson plans and multimedia materials, delivering personalized virtual lectures and one-on-one sessions.

## PROFESSIONAL EXPERIENCE

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### Freelance Illustrator

Self-employed, Chennai, Tamil Nadu, IN

#### Responsibilities:

- Actively engage with clients to understand their vision, requirements, and preferences for the commissioned artwork.
- Conducting thorough research and gathering references pertinent to the subject matter, ensuring accuracy and authenticity in the artwork.

- Maintaining professionalism in all interactions, managing administrative tasks such as contracts, invoicing, and project management and professional communication throughout the project duration to ensure client satisfaction.

**Skills:**

- Sketching and drafting
- Client collaboration
- Project management
- Proficient Adobe Sketchbook and canva
- Strong communication skills
- Time management

**Project Manager**

Ki3 Private Limited, Chennai, Tamil Nadu, IN  
(Present- 1 Year 2023)

**Responsibilities:**

- Reached out to clients to build client relationship and promote business by attending pharma exhibition, building connections.
- Conducted monitoring visits as per plan, documented actions, and ensured follow-up on action plans for effective trial management.
- Led site feasibility visits, analysing site logistics, personnel performance, and patient recruitment strategies, ensuring study objectives were met.
- Trained and guided site staff in protocol adherence, minimizing protocol deviations, and handling safety information effectively.
- Ensured compliance with local and company safety reporting requirements.
- Identified potential risks and took proactive measures to prevent or mitigate them, ensuring study progress.
- Collaborated with data management and logistics teams to resolve queries and meet data cleaning cycle timelines.

**Skills:**

- Project management
- Proficient in ICH-GCP guidelines
- Strong communication and leadership skills
- Site management and patient recruitment expertise
- Risk identification and mitigation abilities
- Team collaboration and query resolution

**Content writer and Graphic Designer**

Jeeva Agro farm, Chennai, Tamil Nadu, IN  
2022-2023

**Responsibilities:**

As a Subject matter expert in Botany with a passion for writing, I took up a work on writing about indigenous rice varieties native to Tamil Nadu, I crafted captivating and informative content with accurate and reliable information, also designed engaging brochures that showcase the rich

agricultural heritage of the region. Through my extensive research and writing skills, I created content that highlights the unique characteristics, nutritional benefits, and cultural importance of each indigenous rice variety. These compelling narratives are brought to life in visually appealing brochures, complemented by stunning imagery and infographics.

**Skills:**

- Project management.
- Cross-disciplinary collaboration.
- Communication, content development, cultural story telling.
- Adobe sketchbook – brochure design and visual communication.
- Botanical Expertise and research skills, reliable Information accuracy.
- Agricultural awareness highlighting heritage and significance of the region.
- [Link to my Portfolio](#)

**Online Botany Subject tutor**

Self-employed, Chennai, Tamil Nadu, IN  
2021-2022

**Responsibilities:**

As a Subject matter expert in Botany with a passion for teaching, my online tutoring role is dynamic and comprehensive. Rooted in a deep understanding of botanical science, I develop engaging lesson plans and multimedia materials, delivering personalized virtual lectures and one-on-one sessions. My commitment extends to assessments, where I provide constructive feedback for optimal student performance. Beyond students, I mentor college juniors, guiding them in both academics and career development. Staying current with the latest botanical advancements, I infuse cutting-edge research into teaching materials, ensuring a vibrant and up-to-date learning experience. In essence, my online tutoring goes beyond conventional boundaries, reflecting a passion for cultivating a thriving educational community in the digital landscape.

**Skills:**

- In-depth botanical knowledge
- Curriculum development expertise
- Effective virtual instruction skills
- Proficient in assessment and feedback
- Mentorship capabilities for college juniors
- Stay updated with the latest botanical advancements
- Technological proficiency in online teaching tools
- Adaptability to diverse learning styles
- Patience and empathy in student support
- Strong time management skills

### **Part time Drawing and Handwriting teacher**

Sai fine arts, Chennai, Tamil Nadu, IN  
2019-2020

#### **Responsibilities:**

Using my art skills, I guided elementary and kindergarten kids in being creative, explore their imagination using colors by giving life to their creative thoughts. Also, helped them to improve their handwriting by practicing better strokes.

#### **Skills:**

- Art Instruction, fostering creativity.
- Color Theory, Imagination Cultivation, Drawing Techniques.
- Handwriting Improvement, Individualized Instruction.
- Patience and Encouragement.
- Classroom Management.
- Child Development Awareness and adapting teaching strategies accordingly.
- Communication with Parents to provide feedback on their children's progress.

### **LANGUAGES**

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- English- Advanced
- Tamil- Native
- German- Intermediate
- Hindi- Beginner

### **EDUCATION**

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**MSc. Botany - Mount Carmel College**, Bengaluru, Karnataka, IN  
CGPA - 7.0

**BSc. Botany - Madras Christian college**, Chennai, Tamil Nadu, IN  
CGPA – 7.1

### **CERTIFICATIONS**

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#### **Business English Communication Skills Specialization**

(Coursera- University of Washington)

#### **Clinical trials Operations Specialization**

(Coursera- Johns Hopkins University)

#### **Clinical trial analysis & reporting**

(Intershala trainings)

#### **Computer aided Drug Discovery and designing**

(Learntoupgrade, intern.com)

### **Molecular techniques**

(Azyme Biosciences Private limited)

## **RESEARCH PROJECT EXPERIENCE**

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### **Ongoing Individual Research project on Plant science** (BioLim, Tru Amigo Laboratory, IN)

Project title: Comparative Phytochemical Analysis of Soil vs. Hydroponic Cultivation in Microgreens: Assessing Nutrient Density and Health-Promoting Compounds

### **Post-graduate student** (Department of Botany, MCC, Bengaluru, KA)

During my Master's Program in Botany, I performed a project on Pharmacognostic study on the plant leaves of *Clausena anisata* by conducting various qualitative and quantitative analysis with main objective of investigating their phytochemical properties and calculated their results. Parameters such as oil extraction was performed to understand the yield of oil which is highly known for its aromatic and antidote properties.

## **PUBLICATIONS**

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### **Pharmacognostic analysis of *Clausena anisata*** (2022)

(Progressive Research: An International Journal) Page-250 to 252

[Link to my publication](#)

## **FUTURE RESEARCH PROJECT IDEA**

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Most of the constituents found commonly in diet have medicinal values, widely known as nutraceuticals, it is known that cancerous stem cells trigger tumor perpetuation as it holds the ability to survive chemotherapy, radiotherapy, and they are mostly removed my stem cell transplants where my idea is to investigate an alternative method to treat these cancer stem cells through natural dietary food materials known for suppressing cancer signal pathways.

## **VOLUNTEER EXPERIENCE**

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- Contributed towards social obligation and responsibility of Swachh Bharat Scheme for building homes for the weaker sections of society in Tiruvallur District.
- Organized Blood Donation Program during NSS Camps.
- Actively participated in local conservation initiatives aimed at preserving natural habitats and biodiversity.
- Engaged in community outreach efforts to raise awareness about environmental issues and promote sustainable living practices.
- Organized and led educational workshops and events on topics such as recycling, composting, and energy conservation during my college days.

## **ADDITIONAL ACHIEVEMENTS**

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- Scored **79%** in the All- India United Nations Information test in Senior category (2016).
- **N.C.C.** (National Cadet Corps) '**A**' Certificate Holder.
- Member of National Service Scheme (NSS).