

# BHAVANA RAO



FOOD SCIENTIST | CHEMICAL ENGINEER  
| CANNABIS PRODUCT DEVELOPER

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## CONTACT

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## LINKS

[bhavanarao.com/](http://bhavanarao.com/)   
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## EXPERIENCE

**Christina Lake Cannabis**  
July 2020 - February 2021  
Christina Lake, Canada

### Director of Extraction and Product Development

- Set up CO2 extraction from lab design phase to fully functional extraction operations manufacturing large scale 90% THC distillate.
- Provide leadership for technical, research, and product development efforts.
- Develop training programs and commercialization timelines/plans for product launches.
- Liaise with the Sales and Marketing team on new product development partnerships.
- Develop process flow diagrams, master batch records and procedures for the manufacturing of new cannabinoid-based products.
- Due diligence, vetting and cost analysis for new equipment.
- Support/assist CRA, CTLS and quarterly reports.
- Work with the investor relations team on technical and educational press releases.

**Blissco Cannabis Corp.**  
November 2018 - March 2020 Vancouver,  
Canada

### Extraction Laboratory Manager & Head of R&D

- Formulated and launched two products that are top sellers across Canada in 2020. (Pur Dew CBD oil, 7 Acres Pax pods)
- Manage operations of the extraction laboratory, including safety, quality, training and performance of the team.
- Setting up new processes including creating protocols, documentation of process development, process validation, identification and corrections of manufacturing issues.
- Create Standard Operating Procedures (SOPs), guidelines and/or diagrams to ensure products specifications, formulations and tolerance levels are met
- Conduct experimental design and execution of extraction of cannabis oils. Create R&D/ pilot developmental batches to support the final formulation.
- Lead Health Canada inspections for process related documentation.
- Work collaboratively with internal and external stakeholders to maintain effective communication for production efficiencies, product movement, inventory and labeling.

**STEMCELL Technologies**  
April 2017 - October 2018 |  
Vancouver, Canada

### Manufacturing Technologist II

- Working internally and cross departmentally with QA, QC and process development to support continuous improvement and production scale up projects.
- Cost analysis for product lifecycle management projects and cross departmental projects.
- Identify, operate and set up equipment required to manufacture magnetic nano particles in Stemcell products.
- Manufacturing and coupling of magnetic nano particles.
- Conduct activities to improve employee engagement and team building.

**Commodity Lab Vancouver**  
May 2016 - April 2017  
Vancouver, Canada

### Laboratory Technician and Marketing Associate

- Helped set up and market 3<sup>rd</sup> party analytical hops testing laboratory to provide COAs (Certificates of Analysis) to clients on total oils content of  $\alpha$  and  $\beta$ -acids for hops.

**T. John Distilleries**  
February 2015 - August 2015  
Bangalore, India

### Process Engineer

- Underwent training in all departments of the winery; that included: Wine making, Packaging, Labelling Regulations, Supply-chain management and Marketing.

**Tata Consultancy Services**  
December 2012 - February 2015  
Bangalore, India

### Assistant system Engineer

- Worked with Project Management team to support ERP systems for the one of their biggest biotech clients, Johnson & Johnson
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## EDUCATION

**The University of British Columbia**  
2015 - 2016 | Vancouver, Canada

● **MSc Master of Food Science**

**The University of Hong Kong**  
Summer of 2015 | Hong Kong

● **Summer school, Political Economy**

**B. M. S. College of Engineering**  
2008 - 2012 | Bangalore, India

● **Bachelor of Engineering (B.E.), Chemical Engineering**

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## VOLUNTEERING

### **Bal Utsav**

Corporate Outreach and Fundraising  
Manager

### **EXTRACURRICULAR**

State level Table Tennis Player  
Certified Ashtanga Yoga Instructor

## FUND RAISING

### **Step Up For A Cause: Founder**

- Conceptualized and organized annual zero cost philanthropy dance event.
- Close to 1,00,000 rupees was raised yearly. 100% of the proceeds was directed towards arts classes for underprivileged kids supported by NGO's nationwide.