



PAVITHRA PALANISAMY

BIOTECHNOLOGIST

Contacts

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- 🌐 <https://pavithrapri.github.io/Portfolio-Website/>
- 🔗 <https://github.com/pavithrapri/pavithrapri>
- in <https://www.linkedin.com/in/pavithra-p-202780212>

Areas of Interest

- Software Engineer
- FullStack Developer
- Web Developer

Technical skills

- C
- Python
- HTML,CSS
- JavaScript
- C#

Hard skills

- Chromatography
- Gel electrophoresis
- PCR

Personal skills

- Leadership
- Flexibility
- Teamwork
- Creativity
- Time Management

Career Objective

To work in a pragmatic way in an organization where I can exhibit my talent and enhance my skills to meet objectives of the company with full integrity. Always ready to help others and use abilities to support team goals. Quick learner with academic abilities and technical knowledge to succeed in different roles. Ready to expand horizons with additional knowledge and abilities gained from training and experience.

Educational Qualification

- **Bannari Amman Institute Of Technology**
B.Tech/Biotechnology
2020-2024 – **CGPA-8.14**
- **Adharsh Vidhyalaya Higher Secondary School**
HSC 2019 - 2020 – **76.5%**
- **Adharsh Vidhyalaya Higher Secondary School**
SSLC 2017 - 2018 – **87.4%**

Projects

FAULT DETECTION METHOD FOR TAIL ROPE USING MACHINE LEARNING

TEAM SIZE: 3 MEMBER

DURATION: 4 MONTHS

A machine learning approach detects faults in tail ropes by analyzing sensor data, enabling proactive maintenance and minimizing operational risks in mining and lifting operations.

AGAR PACKAGING MATERIAL

TEAM SIZE: 3

DURATION: 4 MONTHS

Our idea involved the use of marine resources sea weeds which constitute phytoplankton of the marine ecosystems. Agar is extracted from the sea weed, from which the biopolymer alternative to plastics are made which are biodegradable and with good strength and shelf life.it is also alternative source for packaging material

Internships

Company Name: Farmer's Biofertilizers and Organics

Duration: 15 days [May 2022], Coimbatore.

Responsibility: Biofertilizers Production and Quality Assessment

Learnt about the company's unique products (combination of bio-fertilizers and bio-control agents) to overcome expensive protocol as well as laborious tasks in agriculture.

Certifications/Training

- **.Net Training**, Centrallogic, Pune (2024)
- Completed 2 months of intensive training in .Net technologies(c#).
- **Web Development** Course, Mycaption (2021) - Gained skills in web development through a comprehensive course

Languages known

- **Tamil** - (R,W,S)
- **English** - (R,W,S)

Tools

- VS Studio
- Platforms: Canva

Hobbies

- Travel
- Drawing
- Poster Making

Personal Informations

Name: Pavithra P

DOB: 28/11/2003

Father's Name: Palanisamy S

Mother's Name: Thangamani P

Nationality: Indian

Declaration

I'm PAVITHRA P hereby declare that the above written particulars are true to the best of my knowledge.

FORMULATION AND DEVELOPMENT OF FUNCTIONAL ENERGY BEVERAGE

TEAM SIZE: 3

DURATION: 2 MONTHS

There are carbonated beverage which are not in the functional properties To replace that deficient in the beverage for the nutritional values millets beverage is optimized and formulating We developing functional beverage by combination of millets. because they are good source of phenolic acids and flavonoids.

Achievements and Awards

- I have scored **100% in NPTEL** Examination in the course entitled "Wildlife Ecology" on October 2022
- "I have published a paper titled 'Fault Detection Method for Tail Rope Using Machine Learning' in the IJARII Journal."

Co-Curricular Activities

- **International Conference**
Participated in the "**Recent Trends In Science And Technologies**" on 2023
- **Project Presentation**
Presented a project entitled "**Environmental Pollution**" Organized by Karpagam Academy of Higher Education on March 3, 2022
- **National Conference**
Participated in the "**Innovation Science and Technologies**" Organized by Sri Venkateshwara College Of Engineering on July 9, 2021
- **Competition**
Participated in the "**Smart Village Hackathon**" Organized by Coimbatore Institute Of Technology on October 12, 2021

PAVITHRA P