M V Elayabarathi
B.TECH BIOTECHNOLOGY

A professional biotechnologist with expertise in microbiology, genetics, and bioinformatics. Innovated cancer treatments via nanobiotechnology and microbiology. Accomplished full-stack developer. Passionate about integrating biology and technology for innovation. Strong collaborator and problem-solver, dedicated to continuous learning and interdisciplinary success.
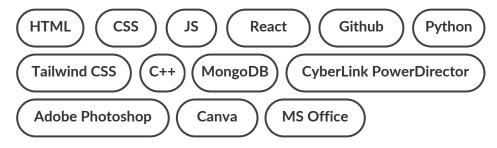
CONTACT INFO

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- 🌐 portfolio/elayabarathi
- in/elayabarathi
- github/elayabarathi

EDUCATION

B. Tech Biotechnology *(2020 - 24)*
K S Rangasamy College of Technology
CGPA: **8.7/10**

HSC *(2019 - 20)*
U R C Palaniammal Matric Hr Sec School
Rank: **76.33%**

SSLC *(2017 - 18)*
U R C Palaniammal Matric Hr Sec School
Rank: **90.2%**

EXPERIENCE

Oct - Nov 2024 [Trainee] [Intern]
Corizo Edutech
Professional Full Stack Web Developer

Jul - Aug 2024 [Intern]
Elies Biotech Pvt Ltd
Proficient in mushroom cultivation and Black Soldier Fly Larvae (BSFL) culturing.

Jun - Jul 2024 [Intern]
Biorith Techno Products Pvt Ltd
Gained hands-on experience in millet processing and packaging, as well as innovative agricultural practices.

PROFESSIONAL SKILLS

- Microbiology
- Immunology
- Genetic Engineering
- Nanobiotechnology
- Plant Biotechnology

TECHNICAL SKILLS

- HTML
- CSS
- JS
- React
- Github
- Python
- Tailwind CSS
- C++
- MongoDB
- CyberLink PowerDirector
- Adobe Photoshop
- Canva
- MS Office

PROJECT & PUBLICATION

Iron Oxide Nanoparticles & Cytotoxicity [Not Yet Published]
Developed a nanobiotech solution using encapsulated iron oxide nanoparticles to enhance cytotoxicity and induce apoptosis for effective cancer treatments.

Silver Nanoparticles & Antibacterial Activity [Published]
Conducted research on Muntingia calabura-derived silver nanoparticles, demonstrating efficacy against oxidative damage and antibacterial properties.

Frontend Shopping List App [Deployed]
Developed a user-friendly shopping list app that streamlining the shopping experience.

Full stack CRUD App [Not Yet Deployed]
Efficient data management with seamless CRUD operations, enhancing performance and user experience

eCommerce Website [Deployed]
Developed a full-stack e-commerce platform with seamless user authentication and payment processing, delivering a dynamic user experience.

Spotify Clone [Deployed]
Developed a full-stack Spotify clone app with seamless music experience, basic features, and deployment, delivering a dynamic user experience.