ANIRUDH PRAVEEN SHAMNA

Biotechnologist

PROFESSIONAL OBJECTIVE

To secure a Biotechnologist role where I can apply my scientific background, laboratory preparation skills, and strong attention to detail to support high-volume sample processing and contribute to Element's mission of delivering accurate, reliable analytical results.

EDUCATION

University of Chester
- Master of Science in Biotechnology, 2025 (Expected)
- Dissertation: "Correlation of bacterial species and involvement with soil health using metagenomics report"
- Relevant Courses: Applied Biotechnology, Business in Biotechnology, Microbiology, Clinical Trials and Reporting.

Vellore Institute of Technology
- Bachelor of Technology in Bioengineering, 2020
- Capstone Project: "Correlation between Liver Diseases and Covid-19"
- Relevant Courses: Bioengineering, Biomaterials, Biochemistry, Biophysics, Microbiology, Drug Delivery System, Computational Biology, Cancer cell biology, human anatomy, environmental sciences.

PROFESSIONAL EXPERIENCE

Microbiology Intern, Symport Biosciences
January, 2024- April, 2024

- Gained real time exposure in applied biotechnology applications like PCR, qPCR, 16s rRNA identification, Primer Designing and Gel Electrophoresis..
- Collaborated with interns and created detailed profiles on bacterial species identification and gene amplification.

Genetic Engineering Intern, Verzeo Edutech
July, 2022 - August 2022
- Implemented various genetic sequencing patterns like ELISSA, SDS PAGE.

CONTACT:

anirudhps0313@gmail.com
+44 7554468009

SKILLS:

Programming Languages:
- Python
- Java

Tools:
- PyMOL
- Autodesk Fusion 360

Biotechnology Skills
- SDS PAGE
- PCR, RT-PCR, QPCR
- 16s rRNA Identification
- Wet Lab Skills (Autoclave, Culturing, Broth Preparation, etc.)
- Clinical Trials and Reporting.

Project Management:
- Agile
- Scrum

Languages:
- English - Fluent
- Malayalam - Native
- Hindi - Fluent
- Tamil - Fluent

CERTIFICATIONS:

Industrial Biotechnology
- University of Chicago - 2024

Google AI Essentials
- Google- 2024

INTERESTS AND HOBBIES:

- Photography
- Hiking