Job Title: Project Intern - Invitro

Location: Bengaluru, Karnataka, India

Company: Quantumzyme

About Us: Quantumzyme is a leading company in the field of biocatalysis, leveraging cutting-edge technology to provide sustainable and efficient solutions for the chemical, pharmaceutical, and other manufacturing industries. Our mission is to revolutionize the way chemicals are produced, making processes greener and more cost-effective.

Job Description:

Position Overview: As a Project Intern at Quantumzyme, you will be involved in various biotechnology, biochemistry, and microbiology activities. This role is ideal for individuals looking to gain practical experience and contribute to scientific research.

Key Responsibilities:

- Assist in bacterial culture, harvesting, and lab scale protein production.
- Assist in setting up and executing biocatalytic reactions under defined conditions.
- Maintain accurate experimental records and documentation (lab notebooks, data reports).
- Prepare reagents, buffers, and maintain lab readiness and compliance.
- Work with team members to plan and execute daily tasks.
- Contribute to the preparation of reports, presentations, and scientific publications.
- Be adaptable and willing to take on different tasks as needed.

Required Skills:

- Knowledge of bacterial transformation, handling bacterial cell cultures, and protein over-expression studies.
- Experience with molecular cloning, plasmid DNA isolation, restriction digestion, agarose gel electrophoresis, SDS-PAGE, and protein purification.
- Basic understanding of organic chemistry.
- Excellent skills to collaborate with both insilico and invitro scientists.
- Assist in generating methods, specifications, protocols, and reports.

Additional Skills:

- Basic understanding of analytical techniques (HPLC) and fermentor usage

Qualifications:

- M.Tech / M.Sc. in Biotechnology or Biochemistry.

Duration:

- 6+ months

How to Apply: Interested candidates are invited to send their resume to rakshitha.shettar@quantumzyme.com