

ANANYA SHARMA

Fresher Laboratory Technician

Chennai, Tamil Nadu | +91 98765 43210 | ananya.sharma@email.com | linkedin.com/in/ananya-sharma

PROFESSIONAL SUMMARY

Recent Biotechnology graduate with practical experience in microbiology techniques, sample processing, and laboratory analysis. Strong foundation in laboratory safety protocols and quality control procedures. Seeking a Laboratory Technician position to apply analytical skills while contributing to scientific advancement.

EDUCATION

Bachelor of Science in Biotechnology

VIT University, Chennai

2020 - 2024

Percentage: 82%

Relevant Coursework:

- Clinical Laboratory Techniques
- Microbiology and Culture Methods
- Biochemical Analysis
- Laboratory Management and Safety
- Analytical Chemistry
- Molecular Biology Techniques

TECHNICAL SKILLS

Laboratory Techniques:

- Sample collection, preparation, and processing
- Microbial culture and maintenance
- Biochemical assays and enzyme tests
- Microscopy (light, phase contrast)
- Aseptic techniques and sterile procedures

Instrumentation:

- Spectrophotometry (UV-Vis)
- PCR and gel electrophoresis
- Centrifugation and filtration systems
- Autoclave and sterilization equipment
- pH meter and titration apparatus

Software and Data Analysis:

- Microsoft Office Suite (Excel, Word, PowerPoint)
- GraphPad Prism (basic)
- Laboratory Information Management Systems (LIMS)
- Data entry and management

Quality Control:

- Standard Operating Procedures (SOPs)
- Good Laboratory Practices (GLP)
- Documentation and record-keeping
- Quality assurance protocols

LABORATORY EXPERIENCE

Laboratory Intern

Apollo Diagnostics, Chennai

May 2023 - July 2023

- Assisted in processing 30+ patient samples daily while maintaining strict quality control standards
- Performed routine biochemical tests including liver function, kidney function, and lipid profiles
- Documented test results in laboratory information system with 100% accuracy
- Maintained laboratory equipment and prepared reagents following established protocols

Research Assistant (Academic Project)

Department of Biotechnology, VIT University

January 2023 - April 2023

- Contributed to research on antimicrobial resistance in clinical isolates
- Performed bacterial isolation, culture, and antibiotic susceptibility testing on 25+ samples
- Assisted in data collection, analysis, and compilation of research findings
- Maintained detailed laboratory notebooks and followed all safety protocols

PROJECTS

Microbiological Analysis of Street Food in Chennai

August 2022 - November 2022

- Collected food samples from 15 street vendors across Chennai using aseptic techniques
- Conducted total plate count, coliform, and E. coli detection using standard microbiological methods
- Analyzed data to assess food safety risks and prepared comprehensive report with findings
- Presented results at university science exhibition

Water Quality Assessment of Local Water Bodies

February 2022 - May 2022

- Analyzed water samples from 5 local ponds for physical, chemical, and biological parameters
 - Performed tests for pH, dissolved oxygen, BOD, COD, and microbial contamination
 - Compiled data in Excel and generated graphical representations of results
 - Developed recommendations for water quality improvement
-

CERTIFICATIONS

- Good Laboratory Practices (GLP) Certification, Indian Association of Microbiologists, 2023
 - Laboratory Safety and Hazard Management, VIT University, 2022
 - Basic First Aid and CPR, St. John Ambulance India, 2022
 - Online Course: Introduction to HPLC, Coursera, 2023
-

PERSONAL SKILLS

- Meticulous attention to detail and accuracy
 - Strong analytical and problem-solving abilities
 - Excellent time management and organizational skills
 - Adaptability to fast-paced laboratory environments
 - Effective written and verbal communication
 - Team collaboration and interpersonal skills
-

LANGUAGES

- English (Fluent)
 - Hindi (Fluent)
 - Tamil (Intermediate)
-

REFERENCES

Available upon request