

Fatima Taufiq

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Professional Summary

Biotechnology graduate with a solid academic foundation in molecular biology, microbiology, and core laboratory techniques. Detail-oriented and highly motivated, with hands-on experience in PCR, gel electrophoresis, and adherence to biosafety and SOPs. Seeking entry-level opportunities in research, diagnostics, or quality control where theoretical knowledge can be effectively applied in a practical laboratory setting.

Education

BS Biotechnology (2022–2025)
University of Karachi

Technical Skills

- 1 Performed 15+ laboratory experiments including media preparation, microbial streaking, and sterilization
 - 2 DNA and RNA extraction with documented accuracy
 - 3 PCR amplification and gel electrophoresis analysis
 - 4 Basic bioinformatics tools: BLAST and primer design
 - 5 Laboratory safety, biosafety, and biosecurity protocols
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Internship Experience

Intern – PCSIR (Advanced Analytical Techniques in Food Analysis)

- Assisted in food sample preparation and analysis using standard laboratory procedures
 - Worked with analytical instruments under supervision and followed GMP and safety protocols
 - Maintained accurate lab documentation and reports
 - Analytical technique- HPLC & TLC
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Certifications & Conferences

- 1 Biosafety and Biosecurity Certification
 - 2 BIOCON-1 Conference (2022)
 - 3 BIOCON-2 Conference (2024)
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Languages

English – Professional Working Proficiency
Urdu – Native

Research Interests & Career Objectives

Interested in genetic engineering, molecular diagnostics, and sustainable bioprocessing.

Open to research collaborations, entry-level roles in biotechnology, diagnostics and quality control and assurance sectors.