

Hamid Jan

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Summary

I completed a Bachelor of Science in Biotechnology from Abasyn University, Peshawar. During my studies, I focused on practical learning and research. My final year project involved using natural bacteria to clean petroleum-contaminated soil, which helped me understand how biotechnology can protect the environment. Alongside my studies, I also gained skills in diploma information technology, graphic design, and digital marketing, and I'm a typing master. These additional skills have improved my ability to work with data, design presentations, and communicate scientific ideas clearly.

PROJECT EXPERIENCE

Bioremediation of Petroleum-Contaminated Soil | 2023–2024

- Spearheaded a team of 3 to optimize microbial degradation protocols, achieving 63% faster results through strategic bacterial strain selection.
- Designed lab workflows that slashed experimental setup time by 20%, enhancing productivity.
- Authored detailed reports and presented findings to faculty, emphasizing scalable environmental solutions.

Microbial Isolation from Soil & Food Samples | February 2024

- Collaborated with 5 researchers to isolate microorganisms from diverse sources (soil, spoiled food).
 - Analyzed 30+ research papers on secondary metabolites, contributing to a peer-reviewed literature review.
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EXTRACURRICULARS

- Class Representative, Biotechnology Department | 2020–2024
 - Advocated for student needs, improving lab resource accessibility by coordinating with faculty.
 - IT Trainer & Workshop Facilitator*
 - Hosted 5+ workshops on digital skills (Excel, Canva), boosting peer productivity by 15%.
 - Designed a streamlined digital filing system, cutting documentation time by 20%.
 - Team Leader, Undergraduate Research Group
 - Mentored peers in experimental design, fostering a culture of collaborative innovation.
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ACHIEVEMENTS

- Undergraduate Scholarship | Top 5% of Biotechnology Cohort (2020–2024)
 - IT Excellence Award | Springfield College (2020)
 - Best Typist Award | 35+ WPM with 95% Accuracy (2019)
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CERTIFICATIONS

- Digital Information Technology Diploma
 - FATC Online Course (Cursa)
 - Resume Worded Certification
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EDUCATION

- Bachelor of Science in Biotechnology
 - Abasyn University, Peshawar | Expected Graduation: October 2024
 - Final Year Project: Bioremediation of Petroleum-Contaminated Soil
 - Isolated 2 novel Bacillus strains, accelerating degradation by 63% and reducing lab setup time by 20%.
 - Presented findings to academic panels, earning recognition for actionable research.
 - Key Focus Areas: Microbial culturing, PCR, environmental biotechnology, and data-driven research.
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TECHNICAL EXPERTISE

Biotechnology & Lab Skills

- Bacterial Isolation & Identification | PCR & BLAST Analysis | Microbial Culturing | Biochemical Testing | Antibiotic Sensitivity Testing | Microscopy | Clustal Omega | Environmental Bioremediation

Digital & IT Proficiency

- Graphic Design (Canva, Posters) | Digital Marketing | MS Office (Excel, PowerPoint) | Typing (35+ WPM, 95% Accuracy) | Data Entry & Filing Systems | Basic IT Troubleshooting
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Languages

- Pashto (Fluent)
- Urdu (Fluent)
- English (Conversational)