ZAINAB

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Female, D.O.B: 08/04/1998, State: New Delhi

SUMMARY

Detail oriented Life Science professional with over two years of experience in molecular biology and biotechnology. Possesses hands-on experience in molecular cloning, DNA/RNA extraction, and PCR workflow from R&D laboratory settings, also focusing on patentability analysis and prior art searches.

WORK EXPERIENCE

CSIR - Innovation Protection Unit (IPU) **Feb 2024 - Mar 2026**

Project Assistant (Biotechnology)

- Analyzed inventions in molecular biology and biotechnology for patentability.
- Assessed novelty, inventive step, and industrial applicability in accordance with the Indian Patent Act.
- Conducted comprehensive prior art searches utilizing databases such as WIPO, Espacenet, Derwent, and Google Patents.
- Drafted scientific and technical patent specifications aligned with patent law requirements.
- Executed e-filing of patent applications on the official Indian Patent Office portal.
- Supported innovation protection activities for CSIR laboratories and researchers.

Micro Crispr Pvt. Ltd.- R & D Consultant **July 2023 - Dec 2023**

- Spearheaded molecular cloning-based projects and biotechnology research support.
- Gained exposure to CAR-T cell therapy concepts and applications.
- Facilitated understanding of translational research workflows within biotechnology startups.
- Fortified practical knowledge of cloning strategies and experimental design

EDUCATION

Master of Science (M.Sc) in Zoology **Jan 2024 - Aug 2026**

Indira Gandhi National Open University, New Delhi, India

Post Graduate Diploma in Molecular Diagnostics **Aug 2022 - Sept 2023**

Jamia Millia Islamia University, New Delhi, India

- Final CGPA: 9.34

Bachelor of Science (B.Sc) in Zoology

Indira Gandhi National Open University, New Delhi, India **June 2016 - Sept 2020**

- First Division

KEY SKILLS

- Technical skills : Patent drafting, Patent Searching, Microsoft Office Suite, Excel, Word, PowerPoint, Literature Review
- Laboratory skills : PCR, RT-PCR, DNA/RNA Extraction, Electrophoresis, CAR-T Cell Therapy, molecular cloning, Cell Culture, GLP, GMP.
- Language : English (Fluent), Hindi (Fluent)