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# Abhishek Khatri

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📍 New Delhi, India

☎ +91 62309 92504 | ✉ khatribhi2319@gmail.com

🌐 **My Portfolio:** <https://fgcsl.github.io/portfolio/>

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Versatile and results-driven **Data Analyst** and **Frontend Developer** with over 5 years of experience in developing biological databases, automating data pipelines, designing web platforms, and managing collaborative research data. Strong foundation in **data analysis**, **web development**, and **design**, with proficiency in tools like **MySQL**, **Shell scripting**, **Python**, **PHP**, and **WordPress**. Proven ability to work independently and in team settings, deliver under tight deadlines, and adapt to evolving tech environments.

## Professional Experience

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### System Analyst

12/2023 to Present

*International Center for Genetic Engineering and Biotechnology (ICGEB), New Delhi*

- Built online data collection portals using **PHP**, **MySQL** and **HTML** forms for DBT-Apex projects.
- Developed the official **Technology Transfer Portal** using **WordPress**, enhancing resource sharing.
- Designed promotional materials (flyers, badges, certificates) for international workshops and training.

### Senior Bioinformatics Programmer

08/2023-12/2023

*National Institute of Biomedical Genomics (NIBMG), Kalyani*

- Developed **CLI-based files tagging tool** using **Shell Scripting** and **MySQL**.
- Created a structured metadata system for large-scale biological file tracking.

### Project Associate

12/2022-08/2023

*University of Hyderabad*

- Developed **Indian Metagenomics Database** for DBT-CMI from scratch, designing and implementing materialized views, tables, and dynamic maps.
- Perform **exploratory data analysis** using a shell script to support needs for collaborative data research projects.
- Automated data processing pipelines and synced big data to **MySQL** systems.

## Project Coordinator-II

03/2021 – 11/2022

CSIR-IHBT, Palampur

- Designed and deployed the **official project website** to boost public outreach.
- Contributed to **DPR (Detailed Project Report)** documentation and strategic planning

## Project Associate/ Data Analyst

01/2019 - 03/2021

CSIR-IHBT, Palampur

- Create captivating and interactive pipelines for both routine genomics data analyses and tailored pipelines for collaborative research projects.
- Built the **Indian Himalayan Metagenome Database** with structured taxonomy and metadata.
- Managed Linux environments, installed & configured bioinformatics tools.

## Education

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### Master of Computer Application

Lovely Professional University

09/2016 - 07/2018

### Bachelor of Computer Application

Himachal Pradesh University

05/2013 - 07/2016

## Technical Skills

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### Data Analysis & Scripting

- Unix Shell Scripting (Bash)
- Python for automation and data parsing
- R for statistical analysis (basic)

### Frontend & Web Development

- React, HTML, CSS, JavaScript
- WordPress, PHP
- MySQL Database Design

### Tools & Platforms

- MySQL, phpMyAdmin
- Linux (Ubuntu/CentOS)
- Git, GitHub
- Graphic Design: Canva, Photoshop (basic)

**Abhishek Khatri**