
Abhishek Khatri

📍 New Delhi, India

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

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

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

Master of Computer Application

Lovely Professional University

09/2016 - 07/2018

Bachelor of Computer Application

Himachal Pradesh University

05/2013 - 07/2016

Technical Skills

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)

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