

# LIKHESH SHARMA

## EXPERIENCE (INDUSTRY)

- Present  
|  
2021
- **Cytiva**  
*Product Manager (Cell and Gene Therapy)*
    - I make business decisions for South Asia based on market intelligence data provided by the Genomic Medicine business unit.
- 2021  
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2019
- **GE Healthcare**  
*Product Manager (Microscopy)*
    - I oversaw the development of image analysis tools for the microscopy portfolio based on machine learning algorithms.
- 2019  
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2017
- *Application Scientist*
    - I trained scientists in analyzing proteomic data gathered on the platforms developed by GE Healthcare Life Sciences.

## EXPERIENCE (ACADEMIA)

- 2017  
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2011
- **Institute of Genomics and Integrative Biology**  
*Senior Research Fellow*
    - Designed and executed experiments related to effect of cysteine mutations on proteins, coordinated with collaborators on various projects such as binding of artificial liposomes to proteins.
- 2011  
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2009
- *Junior Research Fellow*
    - Designed and executed experiments related to differential labeling of Maltose Binding Protein.
    - Worked as Teaching Assistant for "Introduction to Biophysical Chemistry(MB201)" course.
- 2009  
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2007
- *Integrated PhD Fellow*
    - Performed oxidative stress assay and fluorescence-activated cell sorting (FACS) and other immunological and biochemical assays.
    - Did biophysical characterization of Thioredoxin and Maltose Binding Protein.

## EDUCATION

- 2016  
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2007
- **Indian Institute of Science (IISc)**  
*PhD, Biological Sciences*
- 2007  
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2004
- **University of Delhi**  
*BSc, Microbiology*

## PEER-REVIEWED PUBLICATIONS

- 2013
- [Effect of Signal Peptide on Stability and Folding of Escherichia coliThioredoxin](#)  
Singh P, **Sharma L**, Kulothungan SR et al.; PLoS One, 8:e63442
- 2010
- [A hitchhiker's guide to a crowded syconium: how do fig nematodes find the right ride?](#)  
Krishnan A, Muralidharan S, **Sharma L** et al.; Funct Ecol, 24:741-49

## CONTACT INFO

✉ [likheshsharma@gmail.com](mailto:likheshsharma@gmail.com)  
**in** [linkedin.com/in/likhesh-sharma](https://www.linkedin.com/in/likhesh-sharma)  
☎ +91-9910055356

## MANAGEMENT SKILLS

Kaizen strategy  
Funnel management  
Business analysis  
Market research  
Competition analysis

## ANALYTICAL SKILLS

Programming  
(Python)  
Data visualization  
(Power BI)  
Statistical modeling  
(T-test, ANOVA, Correlation)  
Machine learning  
(Regression, Clustering,  
PCA)