

RESUME

Name: Deepak Sharma
D.O.B: 12/06/1993
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Career Objectives

To become a successful professional in an innovative and competitive world which will help me to explore myself fully and realize my potential. I am willing to work as a key player in a challenging and creative environment and I am also confident of my ability to work in a team.

Academic Career

S. No.	Year	Class	CGPA / %	Board & School / University	Subjects
1	2018	M.Sc. Bioinformatics	70	Maharshi Dayanand University, Rohtak	Bioinformatics, BioChem., Mol. Bio, Perl, C, Comp. Biology , Phylogenetics etc.
2	2015	B.Sc. Life Science	55.6	Delhi University, Delhi	Life Science (Prog.)
3	2012-13	Diploma	82.6	Netai Subhash Polytechnic, New Delhi	Basic Computer, HTML/DHTML, Javascript
4	2011	XII	72.6	HBSE, Rewari	English, Hindi, Physics, Chemistry, Biology
5	2009	X	62.4	HBSE, Rewari	Hindi, English, Mathematics, Social Science, Science, PH. Science

Dissertation

Perl Scripting for development of CBINF Computational Toolkit.

(<http://cbinf.mdu.ac.in/main.aspx>).

Publications

1. Avula Laxmaiah, Nalam Madhusudhan Rao, N. Arlappa, Jagjeevan Babu, P. Uday Kumar, Priya Singh, **Deepak Sharma**, V. Mahesh Anumalla et. al. SARS-CoV-2 seroprevalence in the city of Hyderabad, India in early 2021, ELSEVIER, 2022 1-7.

2. Akshay K. Avvaru, **Deepak Sharma**, Archana varma, Rakesh k. Mishra, Divya Tej Sowpati, MSDB: a comprehensive, annotated database of microsatellites, Nucleic Acid Res, 48(2019) D155-D159.
3. Priya Narang, Mehak Dangi, **Deepak Sharma** et. al., An Integrated Chikungunya Virus Database to Facilitate Therapeutic Analysis: ChkVDb, Current Bioinformatics, 15(2019) 323-332.

Experience:

K&H Personalized Medical Clinic, Hyderabad

Research Assistant

May, 2021 - July, 2022

- Developing the NGS Pipeline for Genomic Data
- Handling the Inhouse data using Database
- Writing the programming script to solve the inhouse query
- Developing the tools for analyzing the data.

Lead Automation Engineer

July, 2022 - Nov, 2022

- Automate the Entire NGS Pipeline.
- Working with the databases (Structural and Non Structural).
- Developing the Tools and creating the rest APIs.

Centre For Cellular and Molecular Biology (CCMB), Hyderabad

Bioinformatics Trainee

March, 2019 - July, 2019

- Developing Database for Microsatellites or SSR
- Python programming, Website Development for SSR

Project Associate - I

July, 2019 - June, 2020

- Designing the web Based tool to generate DNA Barcode from DNA Sequence and Vice Versa.
- Developed Web Based tool to analyze the basic summary for DNA sequencing
- Developed the NoSQL Database architecture for the COVID database
- Automate the entire pipeline to update the Database for Covid Database and Microsatellite Database.

Lifecell International Private Limited

Business Development Officer

Oct, 2018 - Mar, 2019

- Daily Interaction with Doctors to generate the sale.
- Managing and Tracking the Sample details and Patients Reports
- Solving the customer queries, if they have any

Extra Curricular Activities

Volunteered in organizing the Annual festival MOSAIC UNPLUGGED held on 18th to 20th Feb, 2014 organized by Ramjas College.

Coordinated in the Annual Cultural Festival MOSAIC UNPLUGGED'13 held from 7th to 9th March, 2013 organized by Ramjas College.

Primary Assets

- Positive outlook and open minded approach
- Interested to learn continuously
- Confident, Innovative, resourceful and problem-solving

Skills and Strengths

- Good communication and interpersonal skills.
- Working experience on HTML5, CSS3, JavaScript and Visual Studio 2013
- Working experience on Python, Perl, MySQL and mongoDB Database.
- Working experience in developing the Pipeline for Next Generation Sequencing for Genomic Data.
- Working Knowledge of Node.js, Vue.js and Django framework.
- Knowledge of Next Generation Sequencing Technology.
- Working Knowledge of AWS and AZure cloud services.

Achievement

- Participated in “National Conference in Recent Advancements In Bioinformatics” and Workshop on “Protein Bioinformatics” during 16th -17th March, 2018 at Maharshi Dayanand University, Rohtak.
- Participated in organizing BIOINFO FEST-2018 held from 15th to 17th March, 2018 at Maharshi Dayanand University, Rohtak.
- Participated in the National Seminar on “Advances in Virology” held on September 28, 2017 by CMBT, Maharshi Dayanand University, Rohtak.
- Participated in the National Seminar on “Current Scenario in Forensic Investigative Techniques” held on 7th September, 2017 at Maharshi Dayanand University, Rohtak.
- Participated in the National Seminar on Frontiers in Genetics & Genomics held on November 22, 2016 at CMBT, Maharshi Dayanand University, Rohtak.
- Attend One-day Author Workshop Conducted Vivekananda Library in association with Elsevier at Maharshi Dayanand University, Rohtak on 18th November, 2016.
- Participated in National Conference on Big Data Analytics cum Workshop on Computer Aided Drug Design during 07th-08th November, 2016 at Maharshi Dayanand University, Rohtak and presented a poster with title “*Challenges & issues in Big Data Analysis*”.
- Participated in the 39th National Voluntary Blood Donation Day on 1st October, 2014 organized by National AIDS Control Organization, Department of Health & Family Welfare, Government of India.

- Participated in the Combined Annual Camp of National Cadet Corps. At Patudi from 4th to 13th June, 2008.

Personal Profile

Name : Deepak Sharma
Father Name : Mr. Ajay Sharma
Date of Birth : 12-June-1993
Gender : Male
Discipline : Bioinformatics
Marital Status : Unmarried
Nationality : Indian
Language Known : English and Hindi.

PLACE: Rewari
DATE:

Yours Sincerely,
Deepak Sharma