Curriculum Vitae

Name: Md Faiyaz Rizwee

Email: mdfaiyaz4840@gmail.com

LinkedIn: linkedin.com/in/md-faiyaz-rizwee-34515b322

GitHub: https://github.com/faiyazrizwee

Portfolio: https://resplendent-tartufo-e14af9.netlify.app/

Career summary

Highly motivated and enthusiastic student with a strong background in biotechnology. Committed to leveraging my skills, knowledge, and passion to contribute to the development and innovation of the field, while utilizing my expertise in bioinformatics, genomics, coding, and laboratory procedures. Capable of following instructions from superiors and performing independently with limited supervision.

Education

M.Sc. Bioinformatics **2024 - 2026**

Jamia Millia Islamia, Delhi

SGPA: 9.64

Bachelor of Science (Honors) Biotechnology **2019 - 2022**

B.N. College Patna University, Patna

CGPA: 7.79/10

10+2 **2017 - 2019**

Rajkiyakrit Town inter college(BSEB)

Percentage scored: 73%

10th

St. Ignatius School (CBSE) **2007-2017**

CGPA: 7.6/10

Internship

- Completed a two-month research internship at Jawaharlal Nehru University (JNU) under the supervision of Prof. R. K. Brojen Singh, focusing on identifying potential biomarkers of epilepsy through data mining, web scraping using python, and network-based pharmacological analysis.
- Two-month internship on the topic “Multi omics Data Science toolkit: Basics to Advanced" at NextGen helper, New Delhi.

Skills

- C++, R, Python, basic programming skills.
- NGS - Bowtie2, SRA-toolkit, SAM-tools, GATK.
- Knowledge of Basic Bioinformatics Tools (BLAST, SWISS-MODEL, PyMol, Cytoscape, AutoDock)

Certification

- How to Plan and Systematic review paper held at Dr. Zakir Husain Library, Jamia Millia Islamia.
- Molecular Docking workshop with a hands-on session using AutoDock vina and PyRx tools, conducted by research Boulevard Technologies.
- Introduction to Bioinformatics and its Advancements (Biocode).
- Supervised Machine Learning with python.
- Attended webinar – Application of next generation sequencing in molecular medicine and Application of Thin Layer Chromatography in Pharmacology.

Current project

- Making a website that takes differentially expressed genes (DEGs) as an input and perform pathway enrichment, disease relation and also suggest drugs for them.
- Link of the website: https://biocontext-mqzqqjs3bbe4w7bp2cbayp.streamlit.app/#gene2therapy

Language

- English
- Hindi: Mother tongue
- Urdu: Mother tongue