

Mohammed Auof

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EDUCATION

JAIN (Deemed to be University)

Bangalore, India

Bachelor of Science in Physics, Mathematics and Computer Science

2023 - 2026

- Applied theoretical knowledge through hands-on projects, practical assessments, and self-driven learning.
- Relevant coursework in Python, SQL, Machine Learning, and Operating Systems.

University of Mysore

Mysore, India

Bachelor of Computer Applications (Completed 1 year)

2022 - 2023

- Relevant coursework in C Programming, Java

SKILLS

Programming Languages: Python (Pandas, Numpy, Sympy, Scipy, Matplotlib, PVLib), C, C++, SQL, Shell, HTML & CSS, JavaScript

Databases: MySQL

Operating Systems: Linux/UNIX

Technologies: Machine Learning, Data Structures, Algorithms, Data Analysis, Cybersecurity Fundamentals, Computational Physics

CERTIFICATIONS

- [SQL: A Practical Introduction for Querying Databases](#) - Coursera
- [The Unix Workbench](#) - Coursera
- [Foundations of Cybersecurity](#) – Coursera
- [Data Visualization with Python](#) – Coursera
- [Computational Physics using Python Programming](#) – Coursera

INTERNSHIPS

JAIN (Deemed to be University)

Bangalore, India

Research Intern

June 2024

- Conducted academic research under faculty supervision, focusing on hypothesis development and experimental design.
- Practiced structured literature review techniques and applied quantitative/qualitative methods to evaluate scientific data.

JAIN (Deemed to be University)

Bangalore, India

Intern – Material Sciences

July 2025

- Gained hands-on exposure to materials science concepts including crystal structures, thermal properties, and failure analysis.
- Implemented data visualization using Python libraries such as matplotlib to analyze experimental datasets.
- Collaborated in a team-based academic setting, connecting scientific theory with computational analysis.

PROJECTS

Sales Data Analysis (MySQL + Python)

May 2024

- Cleaned and formatted a real-world sales dataset using pandas, improving data accuracy and enabling detailed sales trend analysis for 2800+ records.
- Imported data into MySQL and wrote SQL queries for product-wise and monthly sales analysis.
- Identified top-performing products and seasonal trends