

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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">Relevant coursework in C Programming, Java	

SKILLS

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

Databases: MySQL

Operating Systems: Linux/UNIX

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

Soft Skills: Analytical Thinking, Problem Solving, Research Methodology, Teamwork, Adaptability, Project Management, Leadership

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

EXPERIENCE

JAIN (Deemed to be University)	Bangalore, India
Research Intern	June 2024

Research Intern

- 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

Intern – Material Sciences

- 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
<ul style="list-style-type: none">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	