

# Mohammed Auof

+91-8618744027 | [mohammedauof15@gmail.com](mailto:mohammedauof15@gmail.com) | [github.com/mohammedauof](https://github.com/mohammedauof) | [linkedin.com/in/mohammedauof](https://linkedin.com/in/mohammedauof) | [mohammedauof.github.io/auof-portfolio](https://mohammedauof.github.io/auof-portfolio)

## 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), 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

- 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