

Mohammed Auof

+91-8618744027 | mohammedauof15@gmail.com | github.com/mohammedauof | linkedin.com/in/mohammedauof | mohammedauof.github.io/auof-portfolio

EDUCATION

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| 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

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| 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

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| 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.

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| 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

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| 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 | |