

Mohammad Sarosh Mohammad Faruk Sheikh

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● ABOUT MYSELF

A highly motivated and detail-oriented Computer Engineering graduate with 9 months of hands-on experience as a Data Analyst Intern. Demonstrated expertise in data extraction, cleaning, preprocessing, and visualization using advanced Python libraries such as Pandas, Matplotlib, and Scikit-learn. Proficient in developing interactive dashboards with Power BI to derive actionable business insights. Successfully managed and analyzed large datasets, achieving high accuracy in predictive analysis.

Currently seeking to leverage analytical skills and technical knowledge by pursuing a M.Tech. degree in Computer Science with the Specialization in Artificial Intelligence & Machine Learning from NIT Sikkim to further enhance AI and decision-making capabilities. Driven by a passion for data and a commitment to continuous learning, aiming to contribute to innovative solutions and AI-driven strategies in the technology sector.

● WORK EXPERIENCE

 **UNIVERSITY INSTITUTE OF TECHNOLOGY-UIT, GONDWANA UNIVERSITY – GADCHIROLI, INDIA**

TEACHING ASSISTANT & LAB TECHNICIAN – 16/08/2025 – CURRENT

- Assisted faculty in conducting tutorials, practical sessions, and classroom activities.
- Supported peers by clarifying fundamental engineering concepts during practice sessions.
- Assisted in setting up laboratory equipment and ensuring all instruments were calibrated for experiments.
- Supported faculty and students during lab sessions by providing technical guidance and troubleshooting minor issues.

 **CODONS TECHNOLOGIES PRIVATE LIMITED – NAGPUR, MAHARASHARA, INDIA**

INTERN: DATA ANALYST – 08/2023 – 07/2024

Topic: Data Analytics using Python

- Conducted comprehensive data analysis utilizing statistical techniques, including data extraction, cleaning, preprocessing, and visualization, leveraging Python libraries such as Pandas, Matplotlib, and Scikit-learn.
- Developed detailed and interactive dashboards using Power BI to facilitate precise data analysis.
- Implemented machine learning algorithms, including Decision Tree Regressor, Random Forest Regressor, and Polynomial Regression, to forecast future trends critical for business development.
- Managed and analyzed datasets with over 800,000 records, successfully processing and visualizing the data; achieved a predictive analysis accuracy rate of 96%.

Project: Singapore Fintech Analysis

● EDUCATION AND TRAINING

01/10/2024 – 23/12/2024

ACPBDA (ADVANCED CERTIFICATE PROGRAM IN BUSINESS AND DATA ANALYTICS) IIM Udaipur

- Programming for Business Analytics
- Data Visualization and Business Intelligence
- Applied Mathematics & Statistics
- Marketing Strategy

Website <https://www.iimu.ac.in/> | **Final grade** 3.45/4.0 | **Number of credits** 12

07/2019 – 05/2023 Pune, Maharashtra, India

BACHELOR OF ENGINEERING Savitribai Phule Pune University (accredited by NAAC A+ Grade)

IPFS(Interplanetary File Systems), SHA-256 Algorithm, Project Built with the help of Java Language but concept of encryption &

decryption is applied using Secure Hash Algorithm to avoid Evidence Tampering.

Website <http://www.unipune.ac.in/> | **Field of study** Computer Engineering | **Final grade** 8.29/10 | **Number of credits** 170 |

Thesis Secure FIR System Using Blockchain

2018 – 2019 Gadchiroli, Maharashtra, India

HIGHER SECONDARY SCHOOL CERTIFICATE Shivkrupa Junior Science College

2016 – 2017 Gadchiroli, Maharashtra, India

SENIOR SECONDARY SCHOOL CERTIFICATE Shivaji High School

● **SKILLS**

Power BI | Data Visualization using Power BI | Microsoft Office | Microsoft Excel | SQL | Python | Object Orientated Programming | Dashboard Using Tableau | Tableau | Data Structure | Database | Pandas

● **PUBLICATIONS**

2023

[IRJMETS Journal Paper Published of Survey on Secure FIR System Using Blockchain](#)

Volume:05/Issue:02/Feb-2023 Paper ID: IRJMETS50200024195 with the impact factor of 6.752

● **PROJECTS**

02/2024 – 03/2024

Mutual Funds India Analysis

- Managed and analyzed Mutual Funds data in India to generate visual representations and derive insights.
- Aimed to recommend the best Mutual Funds across Equity, Hybrid, and Debt categories.
- Developed an interactive Power BI dashboard to facilitate comprehensive understanding and analysis.

01/2024 – 02/2024

Diabetic Retinopathy Detection

- Researched and Implemented Categorization of Diabetic Retinopathy into five types: No DR, Low DR, Mild DR, High DR, and Proliferative DR.
- Implemented Application based Deep Learning algorithms to predict the presence of diabetic retinopathy in retinal fundus images.
- A Convolutional Neural Network (CNN) model was utilized for this prediction.
- Image processing techniques, including image enhancement and feature extraction, were applied to the dataset.

● **VOLUNTEERING**

2015 – 2016 India

National Cadet Corps

21st Maharashtra Battalion