

Mohamed Riyaz

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SUMMARY

Computer Science graduate with knowledge of Python, SQL, and software development fundamentals. Experienced in academic projects and internships involving machine learning, web development, and problem-solving. Skilled in data analysis, programming, and working with real-world applications. Quick learner with strong analytical thinking and a keen interest in building technical solutions and growing in a dynamic software engineering environment.

TECHNICAL SKILLS

- **Programming:** Python (Pandas, NumPy, Matplotlib, Seaborn), Scikit-learn
 - **Machine Learning:** Supervised Learning (Linear, Logistic, Multiple Regression), Model Evaluation
 - **Data Analysis:** Data Cleaning, Exploratory Data Analysis (EDA), Data Visualization
 - **Web Technologies:** HTML, CSS (basic frontend development)
 - **Databases:** SQL (Oracle), Data Querying and Manipulation
 - **Tools:** Jupyter Notebook, GitHub
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EXPERIENCE

Edunet Foundation (AICTE) | Front end Intern

2024

Developed and implemented responsive web interfaces using HTML, CSS, and JavaScript.

Collaborating with design teams to enhance user experience

Learned and applied web development technologies, including HTML, CSS, and JavaScript, to build and enhance web-based applications.

Pantech solutions Pvt Ltd | Python Intern

2023

Developed and implemented AI models using Python for various projects. Collaborated with a team to design and optimize machine learning algorithms.

Conducted data preprocessing, analysis, and visualization to enhance model performance.

PROJECTS

Sentiment Analysis on IMDb Reviews | Python | NLP | Machine Learning

2026

• Built a sentiment analysis model to classify IMDb movie reviews as **positive or negative** using **Natural Language Processing (NLP)** and Machine Learning techniques.

• Performed **text preprocessing, stop-word removal, and TF-IDF vectorization** to convert textual data into machine-readable features.

• Trained and evaluated machine learning models for sentiment prediction and tested the model using real review samples.

Cloning Website (Hotstar)

2024

• This project involved a comprehensive study of front-end development and practical application through the cloning of the **Disney+ Hotstar** website.

• The project emphasized understanding modern web technologies and implementing industry standards to replicate an existing website's design and functionality.

Moving Object Detection Using Python

2023

• Moving Object Detection using Python & OpenCV – Successfully developed a real-time object detection system during an AI internship at **Pantech Prolabs**.

• Utilized pre-trained models OpenCV to detect and track moving objects in video streams. Implemented background subtraction, contour analysis, and bounding box rendering.

EDUCATION

B S ABDUR RAHMAN CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY

2025

Bachelor of Technology in Computer Science and Engineering | 6.54

CERTIFICATIONS

- Data Science | Besant Technologies

2026