

# Mohammed Ashar S

AI / Machine Learning Fresher

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GitHub: <https://github.com/settings/profile>  
Portfolio: <https://bit.ly/ashar-web-portfolio>

## CARRIER OBJECTIVE:

To secure an entry-level role in AI / Data Analytics where I can apply Python, Machine Learning, and Computer Vision fundamentals to solve data-driven problems, continuously learn industry-relevant skills, and grow within a data-centric organization.

## TECHNICAL SKILLS:

- Programming: Python, HTML, CSS
- Machine Learning & AI: Scikit-learn, TensorFlow, Keras, OpenCV, YOLO
- Data & Visualization: Streamlit, Jupyter Notebook, Google Colab
- Tools: Git, VS Code
- IoT: Raspberry Pi Pico, Arduino, Wokwi

## PROJECTS:

### Supermarket Stock Detection project:

- Developed a computer vision-based system to detect and count supermarket products using YOLO and OpenCV.
- Automated basic inventory monitoring to reduce manual checking efforts.
- Built a Streamlit dashboard to visualize product count data.
- Technologies: Python, YOLO, OpenCV, Streamlit.

### Object detection system (capstone):

- Designed an object detection setup using Raspberry Pi Pico and ultrasonic sensors.
- Triggered alerts based on object proximity and validated logic through Wokwi simulation.
- Technologies: Python, Raspberry Pi Pico, Ultrasonic Sensors, Wokwi.

## DATA & ML FUNDAMENTALS:

- Data preprocessing and basic data cleaning
- Exploratory Data Analysis (EDA)
- Understanding of supervised learning concepts
- Classification and object detection basics
- Model training and evaluation fundamentals

## INTERNSHIP (LEARNING-BASED):

AI / ML Intern (Trainee)

Innoblitz Technologies | [Nov 2025– Present]

- Enrolled in a learning-focused AI/ML internship program.
- Studying fundamentals of Python, Machine Learning, and basic Computer Vision concepts.
- Practicing concepts through guided exercises and small hands-on tasks.

## EDUCATION:

BCA

Sadakathullah Appa College | Autonomous

HSC

Veeramamuniver RC Hr. Sec. School | State Board

CGPA-7.78

2020 – 2023

Percentage-82 %

2019 – 2020

## CERTIFICATION:

- AI / Machine Learning Internship Certificate – Innoblitz Technologies (Ongoing)
- Artificial intelligence A200-( TNskills)
- SQL Basics-(HackerRank)
- Enhancing soft skills and personality-NPTEL