



# Asif Abdul Kadar A

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## Professional Summary

Python Developer Intern aspirant with strong fundamentals in Python, backend development, and databases. Hands-on experience in building Python-based applications, working with APIs, MongoDB/MySQL databases, and AI-powered systems. Passionate about contributing to scalable backend services and SaaS products while learning from senior engineering teams.

## Technical Skills

- **Programming Languages:** Python, SQL, Java (Basic)
- **Backend & APIs:** Python, REST APIs, Flask (Basics)
- **Databases:** MySQL, MongoDB
- **Libraries & Tools:** Pandas, OpenCV, Git, GitHub
- **AI/ML Exposure:** Machine Learning basics, LLM workflows, Prompt Engineering

## Projects

### AI-Driven Meeting Summarizer & Task Analytics System Sep 2025 – Present *Python, REST APIs, LLMs, MongoDB*

- Developed Python backend logic to process audio inputs and generate structured summaries.
- Integrated speech-to-text pipelines and stored processed data in MongoDB.
- Designed modular Python services for summarization and task extraction.
- Improved system accuracy through prompt tuning and data validation.

### AI-Powered Smart Bird Deterrence System Jun 2024 – Nov 2024 *Python, OpenCV, YOLO*

- Implemented Python-based object detection pipelines.
- Analyzed detection results using precision and recall metrics.
- Optimized model performance for real-world environmental conditions.

### Stock Market Analysis & Prediction System Jan 2023 – Feb 2023 *Python, Pandas, Matplotlib*

- Built Python scripts for data analysis and visualization.
- Developed regression models for short-term stock trend prediction.

## Internship Experience

### Python & Machine Learning Intern — Frenzo Technology

Jun 2024 – Jul 2024

- Assisted in developing Python scripts for data preprocessing and analysis.
- Collaborated with senior developers to debug and optimize ML workflows.
- Gained exposure to production-level Python pipelines.

## Certifications

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- Python for Data Science – IBM
- SQL (Intermediate) – HackerRank
- Python Pandas & DataFrame Assessment – ProProfs
- Data Analytics -GreatLearning

## Leadership & Achievements

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- NCC Sergeant – Leadership, teamwork, and discipline.
- Winner – Project Expo (Wireless Audio Transmission using Li-Fi)