

Muhammed Ashkar

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**Professional Summary:**

Motivated and detail-oriented recent BTech graduate with a keen interest in programming. Eager to leverage academic knowledge and project experience to contribute to the industry through a dynamic entry-level position.

Education:

BTech in Mechanical Engineering
Mar Athanasius College Of Engineering, Kothamangalam
June 2021 – June 2024

Project Experience:

- Amazon Price Tracker (Automated): Developed a tool to track and notify price changes on Amazon products using web scraping techniques.
- Password Manager with GUI: Created a secure and user-friendly password manager application with a graphical user interface.
- Personal Website: Designed and developed a personal website to showcase projects and skills.

Academic Project: Automated Waste Sorting System using Python and OpenCV

- Developed a machine learning model using Python and OpenCV to detect and classify waste materials based on type and size.
- Integrated deep learning algorithms for image recognition to enhance accuracy in waste sorting.
- Automated the segregation process by implementing real-time object detection and classification.
- Collaborated with a multidisciplinary team for hardware integration and system optimization.
- Conducted performance testing to ensure efficiency in waste separation.

Technologies Used: Python, OpenCV, TensorFlow , Machine Learning, Image Processing

Skills:

- Technical skills: HTML, CSS, JavaScript, Flask, Python, Web Scraping, Data Science, Automation
- Soft skills: Communication, Attention to Detail, Honesty, Punctuality- Other relevant skills: Writing, Event Planning

Certifications:

- 100 Days of Code: The Complete Python Pro Bootcamp - Udemy
- Python for Data Science - NPTEL
- Object-Oriented Programming using Java – NPTEL
- Computer Vision with OpenCV - Udemy

Extracurricular Activities:

- Organized ASME EFX events.

References:

Available upon request.