BASITH M RASAK

ABOUT ME

MCA student with a foundation in computer science and a strong interest in machine learning. Hands on experience in web development and data-driven projects, with a passion for building intelligent, practical tools. Fast learner with a proactive approach to identifying and addressing problems.

PERSONAL DETAILS

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- 🌐 www.linkedin.com/in/basithmrasak

SKILLS

- **Languages**: Python, Java, C/C++
- **Developer Tools**: VS Code, Git, Jupyter Notebook, Colab
- **Database**: MySQL, MongoDB
- **Frameworks**: Flask
- **Operating System**: Linux, Windows
- **Web development**: HTML, CSS, JavaScript
- **Soft Skills**: Communication, Presentation, Documentation, Team Collaboration, Self-Learning

CERTIFICATIONS

- Software Testing | NPTEL
- Python For Data Science | NPTEL
- Introduction to DevOps and Site Reliability Engineering | Edx

VOLUNTEER EXPERIENCE

- Actively participated in community outreach programs, engaging with local residents and organizations to identify needs and implement relevant projects.

PROJECTS

Deep Fake Image Detection

Tech Stack: Python, Flask

- Developed a deepfake detection system to classify real vs. fake images.
- Used a ResNet50 CNN for feature extraction and image classification.
- Applied image pre-processing techniques to improve data quality and model accuracy.

Magic Homes

Tech Stack: PHP MySQL, HTML, CSS, JavaScript

- Developed a House Rental and Sales Management System.
- Built user-friendly interfaces for property listings and search.
- Managed property, tenant, and sales data using a robust database.
- Added automation features like email notifications for payments.

File Encryption & Decryption Tool

Tech Stack: Java, JavaFX

- Developed a simple desktop application using JavaFX to encrypt and decrypt files using AES algorithm from the javax.crypto library.
- Allowed users to select files, enter an encryption key, and perform secure file transformations through a clean GUI.
- Focused on core encryption logic and user-friendly interface for easy usage.

EDUCATION

Master of Computer Application   2024-26

Mar Athanasius College of Engineering | CGPA:9.18

Bachelor of Computer Application   2024

Nirmala College Muvattupuzha | CGPA:8.54