MD MAHAFUZUR **RAHAMAN**

mfrahaman22@gmail.com | 01317975131 | North Lamchari, Barishal

GITHUB PROFILE | https://github.com/Mafuzur22   **WEBSITE** | https://mahafuzur.me

SKILLS

BACKEND DEVELOPMENT | • Python • PostgreSQL • restAPI
- AI-Integration

ARTIFICIAL INTELLIGENCE| • PyTorch • OLLAMA • AI-APIs

MISCELLANEOUS | • Linux SYS Admin • Amazon AWS • Docker • cPanel

FRONT END DEVELOPMENT | • HTML • CSS • JavaScript • TailwindCSS

SOFT SKILLS | • Team-Player • Adapt To New Technology
- Delivers Results

EXPERIENCE

PROJECTS | • Python • OLLAMA • Docker • Django • Machine Learning

PROJECTS LINKS | 🔗 https://github.com/Mafuzur22/easy_health
🔗 https://github.com/Mafuzur22/project_cati
🔗 https://github.com/Mafuzur22/justme

WEB DEVELOPMENT PROJECTS
Django | Python | rest-API | WSGI/ASGI Deploy | Static Server Management
- Created Django Web Applications with features like User SignUP, SignIn, Two Factor Authentication, Password Reset & Recovery System, e-Mail notification and verification.
- Designed and Developed Complete E-Commerce site with SSL-Commerz Payment Gateway integrated, e-Mail invoice (PDF/Mail) and similar features.

MACHINE LEARNING PROJECTS
Python | PyTorch | OLLAMA | LLAMA3 | Custom AI API | FFNN/Recursive learning/Reinforcement learning (RL)
- Created Medical Assistant using LLAMA3 from META with help of OLLAMA and interfaced the assistant using created API with chat interface in Django Doctors Appointment Booking Website. Custom data prediction algorithm using feed forward neural net and recursive learning.
- Designed and tested few differnt types of value prediction models using feed forward neural net. And also trained models using reinforcement learning with game environment.

OTHER PROJECTS
Linux Server Configuration | Network Configuration | App/Web Server Side Security | Database Client/Server Config | cPanel/scratch System Config
- Network Configuration, routing and firewall configuration
- Played with linux from scratch(LFS) and created custom linux systems
- Practiced with media servers and their management like Plex and Jellyfin
- Git management & GitHub version control

EDUCATION

INFRA POLYTECHNIC INSTITUTE
Computer Science and Engineering
Dec 2024 | Barisal, Bangladesh
CGPA: 3.32/4

BUKHAINAGAR SECONDARY SCHOOL
Secondary School Certificate
May 2020 | Barisal, Bangladesh
GPA: 4.28/5

PREFERENCES & LANGUAGES
MACHINE LEARNING
Research in generative AI, value prediction models. Working on generative ai to complete image.

LANGUAGE
- Bengali (Native)
- English (Fluent in R/W)
- Hindi (Fluent in Speaking and Basic R)
- Japanese (N5 Level & Learning)

COURSEWORK
- Django with Python
- Zero to Gan Machine Learning
- Front-end Designing
- Arduino Programming & Microcontroller Automation

INTERESTS
- Testing AI
- Playing with new Tech
- Testing Various AI Models
- Japanese Culture
- Anime & Manga
- Robotics
- Vintage Electronics HW Collection
- PC Building