



# MD MAHAFUZUR RAHAMAN

mfracaman22@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/easy_health)

[https://github.com/Mafuzur22/project\\_cat](https://github.com/Mafuzur22/project_cat)

<https://github.com/Mafuzur22/justme2.0>

### **PYTHON FULL-STACK DEVELOPER**

@ Innovative IT (December 2025 - Present) - Remote

#### **Django | Python | rest-API | WSGI/ASGI Deploy | System Design**

- Created Django Web Applications with features like Authentication, Authorization, Data Protection (Multi Tenant's), e-Mail notification and verification.
- Designed Highly scalable and optimized backends and Developed Complete E-Commerce site with SSL-Commerz Payment Gateway integrated, e-Mail invoice (PDF/Mail), Secured with multiple layers of protection (RBAC, Tenant, Object Based Access Control, ABAC)

### **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 different 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

### **UNIVERSITY OF GLOBAL VILLAGE**

BSc in Computer Science and Engineering  
Barisal, Bangladesh

Status : Running

## PREFERENCES & LANGUAGES

### **MACHINE LEARNING**

Research in generative AI, value prediction models. Working on generative ai to complete image.

## LANGUAGES

- 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