



MD MAHAFUZUR RAHAMAN

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[GITHUB PROFILE](https://github.com/Mafuzur22) | [WEBSITE](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/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 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

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