

Muhammad Abdul Ahad Hashmi

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EDUCATION

The Guidance House School And College System
IGCSE / A Levels

2017-2021

Mirpur University Of Science & Technology
Bachelor of Science in Information Technology (BSIT)

2021-2025

SKILLS

Frameworks: Bootstrap, Tailwind

Backend: MySQL, Django, Flask

Frontend: JavaScript(Basic), HTML, CSS

Programming Languages: Python, C++, Java(Basic), Php(Basic)

Version Control: Git and Github

OS: Windows

Others: Content Writing, Video Editing, Project Management(Basic), Academic/Technical Writer

PROFESSIONAL EXPERIENCE

Technical Writing (Freelance)

June 2022 - Present

- Technical writer with expertise in crafting compelling, SEO-optimized articles, researches, blog posts, and web content. Skilled in adapting tone and style to diverse industries, delivering high-quality content that engages and converts.

Front-End Developer (Freelance)

Jan 2024 - Present

- Strong background in creating responsive, user-friendly websites and applications. Proficient in HTML, CSS, JavaScript (Basic), and modern frameworks.

HIGHLIGHTED PROJECTS

Software Piracy Protection (GUI) - [Download Link](#)

Jan 2024 - March 2024

Co-developed a Python-based Software Protection Application at Mirpur University of Science and Technology to prevent piracy and unauthorized access, featuring an interactive UI with sound/visuals, software registration, file packing, encryption/decryption, help and bug reporting, and contributor details.

Flask Talken AI Chatbot- [Download Link](#)

12 Aug 2025 -14 Aug 2025

Developed an AI-powered web chatbot using Flask and DeepSeek API, featuring a responsive UI with real-time messaging. Implemented secure environment configuration and session management while following Python best practices. Designed a clean frontend interface with HTML/CSS/JavaScript. Deployed with proper version control (Git) and dependency isolation (virtualenv).

FINAL YEAR PROJECT

[Riskbeat \(Heart Disease Risk Prediction Using AI/ML \) - \[Download Link\]\(#\)](#)

April 2025 - Aug 2025

AI-driven platform for predicting patient health risks and managing doctor-patient interactions, combining machine learning, medical data analytics, and real-time web integration to improve preventive healthcare.

- Developed an AI-powered healthcare prediction module using optimized XGBoost for accurate patient risk classification.
- Applied domain-specific medical data preprocessing including missing value handling, normalization, and categorical encoding.
- Performed medical feature selection to improve prediction accuracy and reduce computational complexity.
- Optimized model performance through hyperparameter tuning (learning rate, max depth, n_estimators).
- Integrated the trained model into a real-time web platform for instant, secure patient risk assessment.

What Makes It **Unique**:

- Combines AI-based disease risk prediction with integrated patient management in a single platform.
- Uses custom healthcare-specific feature engineering beyond standard ML pipelines.
- Delivers real-time, web-based predictions directly to end-users for instant action.
- Designed with scalability and multi-role access (patient, doctor, admin) for broad healthcare applications.

CERTIFICATIONS

- [Foundations Of Data Science](#)
- [Get Started With Python](#)
- [Foundations: Data, Data, Everywhere](#)
- [Foundations of User Experience \(UX\) Design](#)
- [Prompt Engineering \(ChatGPT\)](#)

INTERESTS/HOBBY

My interests and hobbies include creating YouTube video edits, exploring and learning new skills, and reading books. I enjoy the creative process of video editing, the challenge of acquiring new knowledge, and the immersive experience of diving into a good book.