Nazmus Saif

Machine Learning Engineer
nazmussaif.cse@gmail.com | +880 1831-303850

SKILLS

PROGRAMMING

Languages
• Python • C/C++ • Java • SQL

Frameworks
• TensorFlow • PyTorch • Scikit-Learn
• Keras

Libraries
• NLTK • Matplotlib • Seaborn • RE

Technologies
• Machine Learning • Deep Learning
• Neural Network • NLP • LLM

Tools
• PyCharm • Jupyter Notebooks • Git
• VS Code • Google Colab • Selenium

Familiar
• AWS • Azure • Docker • Figma

CORE COMPETENCIES

• Attention to Detail
• Adaptive and Quick Learner
• Strong Problem-Solving
• Public Speaking
• Confidence and Persistence
• Smart Work Ethics

EDUCATION

EASTERN UNIVERSITY

BSc in Computer Science & Engr.
Grad. Jan 2024 | Dhaka, Bangladesh
CGPA: 3.96/4.0 (Summa Cum Laude)
Ranked 2nd in the Merit List

COURSEWORK

UNDERGRADUATE

Structured Programming
Data Structures and Algorithms
Discrete Mathematics
Object-Oriented Programming
Theory of Computation
Operating Systems
Software Engineering
Database Management Systems
Artificial Intelligence
Machine Learning
Information Security & Cyber Law

PROJECTS

EMAIL SPAM DETECTION MODEL | AI

• Developed a machine learning model to classify emails with 98% accuracy on a dataset of 10,000 emails.
• Utilized Python, NLP, Scikit-Learn, and Pandas to distinguish between spam and legitimate emails.

INTELLIGENT VOICE ASSISTANT | AI

• Built a voice assistant tool capable of executing 10+ specific tasks using voice prompts.
• Integrated Python, NLP, ChatGPT API, Weather API, and Selenium.

PERSONAL PORTFOLIO | WEBSITE

• Created a fully responsive portfolio website using HTML, CSS, JavaScript, jQuery, PHP, and MySQL.
• Implemented dynamic form submission using jQuery and a PHP/MySQL backend.

FLEX: A STREAMING PLATFORM | WEBSITE

• Developed a movie and series streaming platform with an intuitive UI/UX using HTML, CSS, JavaScript, PHP, and MySQL.
• Integrated robust search, filtering, and a secure admin panel for content management.

RESEARCH

SENTIMENT ANALYSIS: THE INTERPLAY BETWEEN DATA PRE-PROCESSING & MODEL SELECTION TO IMPROVE ACCURACY

• Achieved 97% accuracy in classifying sentiment from a dataset of 500,000 sentences.
• Applied various pre-processing techniques and model selection to improve performance.
• Implement Negation Handling for increased accuracy in sentiment analysis for English and Bangla sentences.

EXPERIENCE

EASTERN UNIVERSITY | PROGRAMMING INSTRUCTOR

Mar 2023 – May 2023 | Dhaka, Bangladesh

• Mentored junior students to grasp fundamental programming concepts and skills.
• Conducted interactive coding sessions, receiving positive feedback from around 65% of participants.

ACHIEVEMENTS

2022   100% tuition waiver   University Meritorious Student Award

HOBBIES

- Artificial Intelligence
- Learning and Teaching
- Cricket and Carrom
- Watching Sci-Fi Movie

LINKS

LinkedIn:// **nzsaif**
Github:// **nazmus-saif**
Portfolio:// **nazmussaif.com**
HackerRank:// **nazmussaif_cse**

REFERENCE

Muhammad Mahfuz Hasan
Associate Professor & Chairperson
Dept. of CSE, Eastern University
Dhaka, Bangladesh
Mobile: +880 1788-676363
Email: mhasan@easternuni.edu.bd

CERTIFICATIONS

Software Engineer	:By HackerRank
Software Engineer Intern	:By HackerRank
Rest API (Intermediate)	:By HackerRank
Problem Solving (Intermediate)	:By HackerRank
Python (Basic)	:By HackerRank
JavaScript (Intermediate)	:By HackerRank
SQL (Advanced)	:By HackerRank
Java (Basic)	:By HackerRank