

Md. Saiful

Looking for an entry-level position where I can leverage my skills in Python, C++, and competitive programming, along with my passion for cutting-edge problem-solving.

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Education

2019 – 2023 **B.Sc., Computer Science & Engineering**, East West University, Dhaka, Bangladesh.
Thesis: MedicalBERT: A Medical Chatbot Built Using, BioBERT and GPT-2

Technical Skills

- **Programming Languages:** C++, Java, Python
- **Libraries & Frameworks:** Laravel, Django, Flask API, Pandas, Matplotlib, PyTorch, TensorFlow, RAG, LangChain
- **Version Control & Collaboration:** Git, GitHub, SVN
- **Database Management Systems:** Oracle, MySQL, MongoDB, Redis
- **Web Programming:** HTML, CSS, PHP, JavaScript, jQuery, Ajax, Node.js
- **Cloud and Distributed Computing:** Docker, Azure, AWS

Experience

- June 2024 – Present **AI/ML Engineer Intern**, [EIC](#), Niketon, Gulshan, Dhaka 1212, Bangladesh.
◦ Building and maintaining relationships with stakeholders to understand their needs and provide tailored AI solutions
◦ Developing and implementing AI models, algorithms, and processes to optimize business operations and enhance customer experience
- June 2023 – May 2024 **Graduate Teaching Assistant**, [East West University](#), Dhaka, Bangladesh.
◦ Courses: Machine Learning, Statistics for Data Science
◦ Modeling, Training and Deploying by Machine Learning Algorithms
- June 2022 – May 2023 **Undergraduate Teaching Assistant**, [East West University](#), Dhaka, Bangladesh.
◦ Courses: Cyber Security, Structured Programming, Information System Design and Analysis
◦ Developing Web Applications

Competitive Programming

- Programming Contest ◦ **10th** place Inter-University Programming Contest, 2022
◦ Solved **200+** problems from various online judges and participated in online programming contests. ([StopStalk Profile](#))
◦ Proficient in **DSA** - Solved multidisciplinary problems in data structures and algorithms. ([gitRepository](#))

Academic Projects

- ML Project **Real Time Garbage Collector**, *Stack: Python, Flask*, 2023.
A novel approach for ensuring garbage collection in real-time from anywhere.
- Web. Eng. Project **Employee Management of Hotel Using Face Recognition**, *Stack: Django, Redis, Python, MySQL, HTML, CSS*, 2022.
A website that recommends hotel rooms and real-time employee management, allows users to search, share, review, write, and discuss rooms.
- Web. Eng. Project **UTA GTA Management System**, *Stack: HTML, CSS, JavaScript*, 2022.
A front-end development website that maintains UTA GTA for the Department of Science
- Web. Eng. Project **EWU Club Management System**, *Stack: PHP, JavaScript, MySQL, HTML, CSS*, 2022.
A website that maintains student information for club management requirements, updates, news, and club activities.
- Mathematics for CS Project **Credit Card Fraud Detection**, *Stack: Python, scikit-learn*, 2021.
Credit Card Fraud Detection with Machine Learning model that will provide the best results in revealing and preventing fraudulent transactions

Voluntary Activities

- Member at VBD from 2018 to 2019.
- Volunteered in several programs for street children organized by **Community Action**.