

Saif Mohammed

(+880) 1770589276 | saif.mohammed@northsouth.edu | [LinkedIn](#) | [GitHub](#) | [ResearchGate](#)

EDUCATIONAL QUALIFICATIONS

Bachelor of Science in Computer Science & Engineering <i>Department of Electrical & Computer Engineering, North South University</i>	October 2021 – Present <i>Baridhara, Dhaka - 1229</i>
Higher Secondary Certificate, Science <i>Dhaka College</i>	July 2018 – December 2020 <i>New Market, Dhaka - 1205</i>
Secondary School Certificate, Science <i>Ideal School and College</i>	January 2008 – March 2018 <i>Motijheel, Dhaka - 1000</i>

TECHNICAL SKILLS

Languages: Java, Python, C, C++, JavaScript, HTML, CSS, PHP, Prolog
Frameworks & Libraries: Flask, Django, Streamlit, Node.js, React Native, Flutter
Databases: MySQL, Oracle, MongoDB
Developer Tools: Git, GitHub, VS Code, Android Studio, Xcode, IntelliJ IDEA, Jupyter Notebook
Documentation Software: L^AT_EX, MS Excel, MS PowerPoint, MS Word
Design Tools: Canva, Figma
Simulation Tools: AutoCAD, Logisim, Multisim

PROJECTS

CareerMAS GitHub <i>Python, LanGraph, Scikit-Learn</i>	February 2025 – April 2025
<ul style="list-style-type: none">Designed a hierarchical multi-agent LLM system for career guidance and job recommendation.Built automated agents to scrape, and analyze unstructured job listings on Bangladeshi job market.Integrated ML-based salary prediction and validated the framework on 5,000+ job postings.	
DiabetIQ GitHub <i>Flutter, FastAPI, Python, MongoDB</i>	February 2025 – April 2025
<ul style="list-style-type: none">Developed an intelligent application for diabetes management tailored to Bangladeshi patients.Integrated an LLM-augmented RAG chatbot for personalized health recommendations.Implemented a machine learning-based model for early prediction of diabetic risk.	
Run Bangladesh GitHub <i>React Native, Node JS, Stripe API</i>	February 2025 – April 2025
<ul style="list-style-type: none">Developed a full-stack marathon app for runner registration, secure payments, and static location.Built an organizer dashboard for managing events, routes, leaderboards, volunteers, and analytics.Integrated Stripe payments and multimedia updates to enhance participant and organizer experience.	

EXTRA-CURRICULAR ACTIVITIES

Coordinator, Research and Development Group <i>NSU ACM Student Chapter, North South University</i>	March 2025 – Present <i>Baridhara, Dhaka-1229</i>
<ul style="list-style-type: none">Led early-stage event planning through visualization-driven prototyping.Facilitated the successful execution of a mentorship program benefiting members.	
Moderator, Web Group <i>NSU ACM Student Chapter, North South University</i>	March 2025 – Present <i>Baridhara, Dhaka-1229</i>
<ul style="list-style-type: none">Supported official club website updates and maintenance.Implemented design changes using HTML, CSS, JavaScript, and Bootstrap.	
Academic Mentor, Research and Development Group <i>NSU ACM Student Chapter, North South University</i>	March 2025 – Present <i>Baridhara, Dhaka-1229</i>
<ul style="list-style-type: none">Conducted academic sessions on core CS courses like DSA, COA, and DBMS.Hosted dedicated classes on efficient programming practices using C++, and Python.	