



M SAKIB RAHMAN

FULL-STACK WEB & APP DEVELOPER

CONTACT

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msakibr.github.io

github.com/msakibr

TECHNICAL SKILLS

Programming Languages

- Python, Java, C & C++, JavaScript

Frameworks & Web

- Django, Next.js, Express.js, React Native

Database Technologies

- MySQL, MS SQL, MongoDB

Machine Learning & AI

- Computer Vision, Deep Learning, PyTorch, OpenCV, Scikit-learn

Libraries & Tools

- JupyterNotebook, Conda, Cisco PacketTracer, React, TailwindCSS, JavaFX, Selenium, Postman, L^AT_EX

OTHER SKILLS

- OOP, DSA, Software Design Patterns
- Microcontrollers & IoT Development
- Model Optimization & Evaluation
- Git & GitHub
- Project Management & Leadership

LANGUAGES

- Bengali (Native)
- English (Working Proficiency)

HOBBIES

- Tech Blogging & AI Research
- IoT Hardware Tinkering
- Travelling & Photography

PROFILE

Motivated and detail-oriented CSE student with strong expertise in Full-Stack Engineering, Database Systems, Machine Learning, and Deep Learning. Experienced in Django, Next.js, React Native, and PyTorch. Skilled in developing REST APIs, designing scalable database systems, building intelligent systems, and training CV and NLP models. Passionate about solving complex, real-world problems by bridging software development and AI research.

PROJECTS

HireYourWheels - Car Hiring Web Application [\[Live\]](#) [\[GitHub\]](#)

A feature-rich car rental platform with OTP verification, custom user model, reservation system, and admin dashboard.

Easy Hisab - Invoice & GST Automation Web App [\[GitHub\]](#)

Automated invoicing platform with tax calculations, customer management, product catalog, and reporting dashboard.

NoteMan - Educational Note Sharing System [\[Web\]](#) [\[App\]](#)

A platform for schools/colleges to upload and distribute notes, study materials, and documents.

Vision AI Projects - Computer Vision & DL (PyTorch + OpenCV) [\[GitHub\]](#)

Practical implementations of Computer Vision and Deep Learning models, focusing on image classification, object recognition, and neural network training workflows.

UCAM System - University Automation (Java + JavaFX) [\[GitHub\]](#)

A GUI-based university class automation system with record management and admin features.

Microcontroller Projects - Embedded Systems & IoT [\[GitHub\]](#)

Hands-on microcontroller projects including sensor integration, actuator control, and automation using Arduino and ESP32.

RESEARCH EXPERIENCE

Visual Grounding Repair for MLLMs — University of Asia Pacific (Ongoing)

Proposing a framework to correct grounding hallucinations in MLLMs (LLaVA, Qwen2.5-VL) by mining prediction errors via IoU thresholds on RefCOCO/Visual Genome.

BanglaAccento: Regional Dialect Speech Recognition — University of Asia Pacific (Ongoing)

Developing an end-to-end speech-to-speech communication system for 5 Bangla dialects using 6 hours of curated dialectal speech data.

EDUCATION

B.Sc. in Computer Science & Engineering 2023 – Present
University of Asia Pacific, Dhaka
CGPA: 3.86 / 4.00