K. M. ABIR MAHMUD

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abir.skoder@gmail.com

LinkedIn | GitHub | Portfolio

EDUCATION

Bangladesh University of Professionals   Jan 2015 – Dec 2018

BSc, Information and Communication Engineering

Dhaka, Bangladesh

EXPERIENCE

Skoder Technologies   Feb 2019 – Present

Chief Executive Officer

- Dhaka, Bangladesh. Founded from the day zero and growing together. Skoder is the Tech partner for business and startup. At Skoder, we have been working with more than 50 global, local and Inhouse Enterprise Software projects.

EDGE by ICT Division, Bangladesh   Sep 2024 – Dec 2024

Machine Learning Trainer

- Jahangirnagar University. Machine Learning, Data Analytics, ML Algorithms, Python

Ahsanullah University of Science and Technology   Aug 2023 – Feb 2024

Visiting Lecturer

- Dhaka, Bangladesh. Conducted App Development with Flutter Course

OCEI - Office of the Chief Electricity Inspector   Jul 2022 – Dec 2022

Trainer - Oracle DBMS

- Bangladesh Government

PROJECTS

Campus365

- Campus365 empowers Universities with Process Intelligence, intelligent assistant for students and API sales channel for Businesses

Technologies: AI, Process Intelligence, API Integration

Care+

- A complete healthcare solution for doctors, patients and hospitals. Care+ provides Telemedicine, ePrescriptions, Appointments Management, Bills and Payments and so on.

Technologies: Healthcare, Telemedicine, Mobile App

Kotha

- First Bengali AI powered Voice Assistant smartphone app which consists of features to control smartphone with Bengali voice Command.

Technologies: AI, Voice Recognition, NLP, Bengali Language Processing

ConFest

- A Bangladeshi Online Competition Platform where students can join and participate in various ongoing cocurricular contests to earn prizes.

Technologies: Web Platform, Competition Management

ACHIEVEMENTS & AWARDS

National Youth Summit 2025 – Winner
National Youth Summit
2025

Startup World Cup 2025 – Regional Finalist
Startup World Cup
2025

JU Innovation Award 2024 – Runners Up
Jahangirnagar University
2024

Student to Startup II – Finalist
Student to Startup
2018

Samsung App Contest 2018 – Finalist
Samsung
2018

ACM ICPC Dhaka Regional 2016 – Onsite Participant
ACM ICPC
2016

NCPC CUET 2017 – Finalist
NCPC
2017

DIU APP Contest 2017 – Runners Up
Daffodil International University
2017

National Hackathon on Frontier Technologies 2020 – Runners Up
National Hackathon
2020

NDUB Hackathon 2017 – Champion
Notre Dame University Bangladesh
2017

IUT ICT FEST Hackathon 2018 – Finalist
Islamic University of Technology
2018

Bracathon III – Runners Up
BRAC
2018

Bracathon II – Finalist
BRAC
2017

RESEARCH & PUBLICATIONS

LEMate: An Early Prototype of an Artificial Intelligence-Powered Learner Engagement Detection System | Link

K. M. Abir Mahmud, et al.

Springer Book Chapter

Eye Tracking, Facial Expression, Heart Rate (rppg), Mouse and Keyboard Activities and with several multimodal interaction data we have prepared a system with DiversAsia (Erusmas+ project), Jahangirnagar University,BD and Nottingham Trent University,UK

CampusMate - First Bangladeshi AI Tutor for personalized Education

K. M. Abir Mahmud, et al.

AI assistant for Students to guide students towards a better career and personalized education. We have developed our own LLM with foundation model Llama3, Streamlit and Langchain

iWorksafe: Towards Healthy Workplaces During COVID-19 With an Intelligent Phealth App for Industrial Settings | Link

K. M. Abir Mahmud, et al.

IEEE Access

Computer Vision, AI-ML

Visual Speech Recognition: A Deep Learning and coordinate driven approach to recognize speech using lip movement through Artificial Intelligence over Image Processing

K. M. Abir Mahmud, et al.

Computer Vision, AI-ML

TECHNICAL SKILLS

Languages and Framework: Python, Flutter, Dart, Laravel, PHP, Java, MySQL, C++, C#, JavaScript

Software Development: Flutter Development, Android Development, Web Development, Embedded System, Machine Learning, AI Systems, Software Design, Database Design

Project Management: Leadership, Communication, Collaboration, System Architecture, SDLC

AI & ML: LLM, NLP, ML Algorithms, Model Designing, AI Product Design

CERTIFICATIONS

Founder's Sprint   Sep 2025 – Dec 2025
INSEAD AI Venture Lab

Entrepreneurship Development Program   Nov 2025 – Dec 2025
SICIP, Bangladesh Bank

Entrepreneurship Value System   Jan 2024 – Apr 2024
Innovation Design & Entrepreneur Academy (iDEA)

LANGUAGES

Bengali/Bangla: Native, **English:** Advanced, **Hindi:** Intermediate, **Japanese:** Basic