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

New Govt. Degree College Rajshahi, Bangladesh Jul 2012 – Jun 2014

Higher Secondary Certificate

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

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 2025
National Youth Summit

Startup World Cup 2025 – Regional Finalist 2025
Startup World Cup

JU Innovation Award 2024 – Runners Up 2024
Jahangirnagar University

Student to Startup II – Finalist 2018
Student to Startup

Samsung App Contest 2018 – Finalist 2018
Samsung

ACM ICPC Dhaka Regional 2016 – Onsite Participant 2016
ACM ICPC

NCPC CUET 2017 – Finalist 2017
NCPC

DIU APP Contest 2017 – Runners Up 2017
Daffodil International University

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

NDUB Hackathon 2017 – Champion 2017
Notre Dame University Bangladesh

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

Bracathon III – Runners Up 2018
BRAC

Bracathon II – Finalist 2017
BRAC

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