

# K. M. ABIR MAHMUD

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## EDUCATION

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### Bangladesh University of Professionals

Jan 2015 - Dec 2018

*BSc, Information and Communication Engineering*

Dhaka, Bangladesh

## EXPERIENCE

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### 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

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### 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

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<b>National Youth Summit 2025 - Winner</b>	2025
<i>National Youth Summit</i>	
<b>Startup World Cup 2025 - Regional Finalist</b>	2025
<i>Startup World Cup</i>	
<b>JU Innovation Award 2024 - Runners Up</b>	2024
<i>Jahangirnagar University</i>	
<b>Student to Startup II - Finalist</b>	2018
<i>Student to Startup</i>	
<b>Samsung App Contest 2018 - Finalist</b>	2018
<i>Samsung</i>	
<b>ACM ICPC Dhaka Regional 2016 - Onsite Participant</b>	2016
<i>ACM ICPC</i>	
<b>NCPC CUET 2017 - Finalist</b>	2017
<i>NCPC</i>	
<b>DIU APP Contest 2017 - Runners Up</b>	2017
<i>Daffodil International University</i>	
<b>National Hackathon on Frontier Technologies 2020 - Runners Up</b>	2020
<i>National Hackathon</i>	
<b>NDUB Hackathon 2017 - Champion</b>	2017
<i>Notre Dame University Bangladesh</i>	
<b>IUT ICT FEST Hackathon 2018 - Finalist</b>	2018
<i>Islamic University of Technology</i>	
<b>Bracathon III - Runners Up</b>	2018
<i>BRAC</i>	
<b>Bracathon II - Finalist</b>	2017
<i>BRAC</i>	

## RESEARCH & PUBLICATIONS

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**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

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**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

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**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)*