MD AL AMIN TOKDER

Machine Learning Engineer

📞 +8801750206042
✉ alamintokdercse@gmail.com
📍 Dhaka, Bangladesh
in LinkedIn
📝 Stack Overflow
○ Github
🌐 Portfolio

EDUCATION

2018 - 2023
CGPA: 3.63

BSc in Computer Science and Engineering,
Rajshahi University of Engineering and Technology (RUET)

SKILLS

Problem solving, Machine Learning, Artificial Intelligence, Web development, Keras, Pytorch

PROBLEM SOLVING

StopStalk : StopStalk
Codechef (2-star) : Codechef
Codeforces (Pupil) : Codeforces
Atcoder (9-Kyu): Atcoder
Leetcode: Leetcode
Hackerearth : Hackerearth
Hackerrank : Hackerrank

ICPC

ICPC Dhaka SIte-2023
Team Name: RUET_MIND_GAMER,
Rank: 522th out of 2600 teams

PROJECTS

Medical Diagnosis Agent Chatbot

Skills: AI Agent · Langgraph · Langchain.
Chatbot Development
Live link: Click Here

- **RAG system building using OPEN AI Model**

  Skills: Generative AI, AI Agent, LLMs
  Live Link : Click Here

- **Chatbot SRS Generator (Fine Tuned)**

  Skills: LLMs, Generative AI , GPT,Decentralized AI,
  Python, Model Fine tuning, Open AI API,
  Code link: click_here

- **Prescription Handler (AI Automated)**

  Skills: OCR, HTR, LLMs, Generative AI ,
  GPT,Decentralized AI, Python
  Machine Learning models

- **Luna a decentralized AI chatbot**

  Skills: LLMs, Generative AI , GPT,Decentralized AI
  Machine Learning models

- **Heart Diseases prediction (using ML)**

  Skills: Python, Machine learning

ABOUT ME

Hi this is Al Amin strongly passionate on Machine Learning technology specially in generative AI and LLMs. I am specialized in building cutting-edge Large Language Models (LLMs) for innovative solutions and passionate about pushing the boundaries of AI, AI Agent, RAG system etc to create intelligent and impactful applications. Beside I am a competitive programmer too. I have solved almost 800+ problem on various judges like codeforces, leetcode, atcoder, codechef etc. Presently, I worked with OCR and AI integrated application. Beside programming I have a strong facination on machine learning and artificial intelligence. Already I have created some AI related project using LLMs and generative AI . "Luna" is one of the biggest project in my career.

WORK EXPERIENCE

○ **Jan 2024 - Present**

JB Connect Ltd, Dhaka , Bangladesh

Machine Learning Engineer

Build reallife application using AI , Generative AI model ,Use GEMINI, OPEN AI API , open source model LAMA2,3 API in various business solution

○ **Sep 2022 - Nov 2023**

Devolved AI, 93309 Bakersfield , CA, USA

Machine Learning Engineer

Building cutting edge LLMs for innovative solutions. Generative AI , LLMs, GPT, Decentralized AI

○ **Jan 2021 - Oct 2022**

CodeStudio sofware Ltd,Rajshahi,Bangladesh

Junior Software Engineer

In this company I worked as a web developer. I have successfully completed 4 project here. "Stop Ragging" a website which is developed by me and use in my university. Beside I develop a desktop appication is build by me using JAVA.

HONORS & AWARDS:

- ICPC Preliminary Dhaka Site 2023- (522 th out of 2600 teams)

- Inovative Idea and project Contest RUET 2023 (7th in Final round)

- North Bengal Startup Summit 2023 Startup Idea contest Finalist (4th)

- Project showcasing - RUET CSE FEST 2022 (14th position)

PUBLICATIONS

- BloodStein Hyperspectral Image Classification Using 3D CNN (ICEEICT , IEEE Xplore)

- Garbage Classification using a Transfer Learning with Parameter Tuning (IEEE Xplore)

ACTIVITIES AND SOCIETIES:

Programming contest, Idea Contest, Project Showcasing, Cricket, Football, Project Contest , content writer (IEEE RUET Branch)

INTEREST

Machine learning , Artificial Intelligence, problem Solving (JAVA),