MD. SHAKIL

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SUMMARY

I am passionate and skilled in the realms of AI tool development, Deep Learning, and Machine Learning, with a keen interest in web development and graphic design. Adept at collaborating within teams, leveraging strong management and leadership capabilities to drive projects to success.

EXPERIENCE

AI Developer
TechKnowGram Limited   *[August 2023 – Present]*
- Design & Development AI tools for enhancing product functionality.
- Collaborate closely with the research team to experiment with state-of-the-art algorithms. Conduct regular code reviews and achieve technical guidance.

IT Instructor
Rainbow Computer Point   *[November 2019 – August 2023]*
- Instructed students on foundational to advanced computer skills, covering office programs, hardware, graphic design, and various computer functionalities.
- Provided hands-on training and guidance to ensure practical understanding and application of concepts.

EDUCATION

B.Sc in Computer Science & Engineering
European University of Bangladesh, Dhaka   *[Spring, 2020 – Fall, 2023]*
- CGPA – 3.93 (Till 11th Semester)

Higher Secondary Certificate (H.S.C)
Obaidul Haque Mohabiddaloy, Bhola   *[2017 – 2019]*
- Group – Science
- Board – Barisal

Secondary School Certificate (S.S.C)
Jangalia School & College, Bhola   *[2015 – 2017]*
- Group – Science
- Board – Barisal

TRAINING & CERTIFICATION

Training on Entrepreneurship Business Development, *iDEA*
- I successfully completed **"Training on Entrepreneurship Business Development",** organized by Innovation Design and Entrepreneurship Academy (iDEA) Project under BCC, ICT Division, Dhaka,

National Data Science BootCamp, 2023, *European University of Bangladesh*
- I completed an intensive Data Science Bootcamp, enhancing my skills in data analysis, machine learning, and statistical modeling. I earned a certificate, showcasing my dedication to advancing professionally in the field of data science.

🎖 COMPETITION

- **Intra-University Programming Contest (IUPC), 2023 –** *[Second Runner-Up]*
- **Intra EUB Programming Contest, 2022 –** *[4th Position]*
- **Intra Department Programming Competition, 2021 –** *[6th Position]*

⚙ SKILLS

Programming Languages
- Python
- C
- JavaScript (Intermediate)

Development & Framework
- HTML, CSS, Bootstrap
- Flask, PyQt6

Hosting & Database Management
- cPanel
- MySQL
- Apache Server

Familiar With AI
- Deep Learning
- Machine Learning
- Natural Language Processing (NLP)

Graphic Designing
- Adobe Illustrator, Adobe Photoshop
- Adobe XD, Adobe InDesign

Other Tools
- MS Office Program
- Wondershare Filmora
- Arduino

📑 PROJECT & RESEARCH

NLP Based Smart Resume Analyzer

Natural Language Processing (NLP) based web application project that analyzes resumes. This analyzer extracts all information from the candidate's resume and compares it to the job requirements, providing a matching percentage and ranking the resume accordingly.

- **Core Technique:** NLP
- **Front-End:** HTML, CSS, Bootstrap
- **Back-End:** Python-Flask
- **Database:** MySQL
- **Tools:** VS Code, Xampp
- **Project Link:** [View Project](#)

Bangla Number Plate Recognition Using Deep Learning

It is mainly research based project. This research focuses on developing an automatic Bangla number plate recognition system using Convolutional Neural Networks (CNNs). This model is built using eight pre-trained CNNs models, and also two custom models are Max pooling and Average pooling with three Convolution Layer.

- **Programming Language:** Python
- **Core Techniques:** Tensorflow, Keras, Matplotlib, CNN Models
- **Project Link:** [View Project](#)

Aeroplan Detection Using Deep Learning

It is also a research-based project. It is like Bangla Number Plate Recognition Using Deep Learning Research. Built this model for detecting Aeroplan from any types of video or image.

- **Project Link:** [View Project](#)

Computer Graphic Project

In this project, I developed graphical motion scenario. Here I designed our university front view. This project was developed based on graphic.h library of C++.

- **Programming Language:** C++ (graphic.h library)
- **Project Link:** [View Project](#)

Automatic Railway Track Crack Detection

This is the IoT based "Automatic Railway Track Crack Detection" project. In this project introduced the integration of ultrasonic sonar sensor and GSM Module to detect the railway track crack problem.

- **Core Techniques:** Arduino Programming, & IoT Components
- **Project Link:** [View Project](#)