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Md Rafi Hasan

Summary

Skilled and dedicated individual with a strong passion for software development, AI and Machine Learning. Eager to work in a company where I can contribute to the overall success of the organization and continuously learn and grow my skills.

Education

2019–2024   **B.Sc. in Computer Science and Engineering**, *American International University-Bangladesh (AIUB)*
CGPA: 3.40 out of 4.00

Experience

September 2023 – December 2023

Trainee Software Engineer, *Next Solution Lab*, Mirpur DOHS, Dhaka
- **Played key role and was involved in the R&D of Computer Vision project, and intelligent web application.**
- Data processing and data analysis using python libraries such as pandas, numpy, Seaborn, Matplotlib, NLTK.
- Utilized VGG, Labelme image annotator for data annotation.
- Created WBS(work breakdown structure) report and Technical documentation that improved decision-making of projects.
- Continuous involvement in sharing knowledge on new technologies.

Skills

Programming Languages	Python, Java
DSA & OOP	Strong understanding of fundamental data structures and algorithms and OOP principles.
Data Analysis & Annotation	Pandas, Numpy, Matplotlib, VGG, Labelme, Seaborn, NLTK
SDLC & Design principles	OOAD diagrams, SOLID, DRY.
ML techonologies	Tensorflow, Keras, Scikit-learn, NLTK, OpenCV
Web technologies	HTML, CSS, ReactJS, Bootstrap, Git, CI/CD, Kubernetes, Docker.
Communication	Fluent verbal and written communication in English.

Projects

Projects Github Link	**Git Repository**
CKD Classification	Chronic Kidney Disease prediction model using ML approach
Resume Categorization	NLP-based resume classification system
Fake review detection model	Developed a fake review detection model using NLP and Deep Learning.
Covid-19 Detection	Covid-19 classification using Support vector Machine ML algorithm .
Course Management System	Console-based system in Python.

Extracurricular Activities

Programming Contests	Participated in ICPC regional round, attends weekly Contests on different online platforms like Vjudge and **Codeforces**.
Clubs and Societies	General member, AIUB Community of Engineering Students (ACES).
Web Content writing	Wrote 100+ articles, YouTube Script as a freelancer content writer at **BackSpace International Ltd**
Sports	Former football team captain of my batch.

Certifications

AI and ML	Professional Training Course on AI and Machine Learning by IIT, University of Dhaka(DU)
Python	Python for machine learning by Great Learning Academy
JAVA	OOP concepts in Java by Great Learning Academy
Kubernetes	Kubernetes for absolute beginners by Udemy

References

Mahfujur Rahman

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Nurul Islam Nahid

AI Engineer (Tech Lead), Next Solution Lab, Mobile: 01751935852

Akramul Jaman Hemal

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